



भारत का राजपत्र The Gazette of India

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No. 20] NEW DELHI, SATURDAY, MAY 17, 1997 (VAISAKHA 27, 1919)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paying is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta-700 020, the 17th May 1997

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Base Road, Calcutta-700 020.

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पेटेंट कार्यालय

एकत्व तथा अभिकल्प

कलकत्ता, दिनांक 17 मई 1997

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार ज्ञान के आधार पर निम्न रूप में वर्गीकृत हैं :—

पेटेंट कार्यालय शाखा, टोडी हस्टेट,
तीसरा तल, लोअर परसे (प.),
मुम्बई-400 013.

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गीजा राज्य क्षेत्र एवं संघ
शासित क्षेत्र, वमन तथा दीव एवं
बाबर और नगर हवेली ।

तार पता-“पेटेंटॉफिस”

पेटेंट कार्यालय शाखा,
एकक में 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110 005.

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता-“पेटेंटॉफिस”

पेटेंट ऑफिस

शाखा विंग सी (सी-4, ए)
तीसरा तल, राजाजी भवन बीस्ट नगर,
चेन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल तमिलनाडू
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिक्काय
तथा एमिनिविक्वि द्वीप ।

तार पता-“पेटेंटॉफिस”

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
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भारत का अवशेष क्षेत्र ।

तार पता - “पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में
अपीक्षित सभी आवेदन-पत्र स्वीकार। विवरण या अन्य प्रलेख पेटेंट
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जायेंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा
ड्राफ्ट आदेश या जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान
के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा
चैक द्वारा की जा सकती है ।

APPLICATION FOR PATENT FILED AT THE HEAD
OFFICE 234/4, ACHARYA JAGADISH ROAD, CAL-
CUTTA-20.

The dates shown in the crecent bracket are the dates
claimed under section 135, of the Patent Act,1970.

27-3-1997

546/Cal/97 (1) Prof. Dr. Rabindra Nath Sen (2) Dr. Subir
Das, (3) Mr. Prabir Mukhopadhyay & (4) Mrs.
Kumkum Sahu "An ergonomically designed anti-
mosquito personal protective clothing",

547/Cal/97 Philips Electronics N. V., "Magnetic-Tape, re-
cording/reproducing arrangement comprising a
coding device".

548/Cal/97 Siemens Aktiengesellschaft, "Measuring device
for measuring electric currents in a stressed con-
ductor". (Convention No. 19613664.4 on 4-4-96
in Germany).

549/Cal/97 Metallgesellschaft Aktiengesellschaft, "Process of
performing chemical reactions in an electrochemi-
cal cell". (Convention No. 19649832.5 on 02-12-
96 in Germany).

550/Cal/97 Metallgesellschaft Aktiengesellschaft "Process of
removing gaseous elementary mercury from raw
gases in two successive stages",

551/Cnl/97 Bio-Technical Resources LP., "Method of de-
terring birds from grassy turf". (Convention No.
08/633,878 on 10-4-96 & on 6-3-97 in
U.S.A.).

552/Cal/97 Innotech Inc., "A method for making a finished
lens".

553/Cal/97 Innotech Inc., "A method for making a
lens".

554/Cal/97 Saint-Gobain Vitrage, "Process for depositing a
reflective layer on glass, and products obtained". (Convention No. FR-96/09945 on 7-8-96
in France).

555/Cal/97 Tehotulos OY, "Method and apparatus for manu-
facturing and/or treating a fabric". (Convention
No. 961732 on 22-4-96 in Finland).

556/Cal/97 Vxtreme, Inc., "Table based compression with
embedded coding". (Convention No. 08/623,299
on 28-3-96 in U.S.A.).

557/Cal/97 Vxtreme Inc., "Table based low level image
classification system". (Convention No. 08/625.
650 on 29-3-16 in U.S.A.).

55S/Cal/97 LG Electronics Inc., "An apparatus and method of controlling amount of refrigerant of multi-air conditioner".

559/Cal/97 Mitsubishi Chemical Corporation, "Molded product of carbon black".

31-3-1997

560/Cal/97 Santanu Roy, "A process for producing C₁-C₆ hydrocarbons by instant gasification of fuels".

561/Cal/97 NGK Insulators, Ltd., "High pressure discharge lumps and processes for production of the same". (Convention No. 8-121,490 on 16-5-96 & 9-64,048 on 1S-3 97 in Japan).

562/Cal/97 W. Schlafhorst AG & Co., "Winding head of a cross coil manufacturing textile machine". (Convention No. P19617469.4 on 2-5-96 & P19617525.9 on 2-5-96 in Germany).

563/Cal/97 Eaton Corporation, "Two-Piece housing for compound transmission". (Convention No. 08/627, SOS on 10-4-96 in U.S.).

564/Cal/97 Siemens Aktiengesellschaft, "Programmable read-only memory with improved access time". (Convention No. 19615407.3 on 18-04-1996 in Germany).

565/Cal/97 E.I. Du Pont De Nemours and Company, "Wet spinning process for aramid polymer containing sails". (Convention No. 08/651,174 on 21-5-96 in U.S.A.).

566/Cal/97 E.T. DU Pont De Nemours and Company, "Process for isolation of dicarboxylic acids and hydroxycarboxylic acids". (Convention No. 60/014, 998 on 8-4-96 in U.S.A.).

567/Cal/97 E.J. Du Pont Nemours and Company, preparation of aromatic hydroxycarboxylic acids and dialkali metal salts thereof". (Convention No. 60/017,767 on 15-5-96; 0/033,161 on 13-12-96 & 60/015,000 on 8-4-96 in U.S.A.).

568/Cal/97 Shofner Engineering Associates, Inc., "Environmental conditioning methods and apparatus for improved material testing".

569/Cal/97 Uponor B.V., "A method and an apparatus for manufacturing an extruded plastic product, and a plastic product". (Convention No. 961540 on 4-4-96 in Finland, 961822 on 29-4-96 in Finland, 964983 on 12-12-96 in Finland & 965182 on 20-12-96 in Finland).

570/Cal/97 The Wellcome Foundation Ltd., "Process for the preparation of amide derivatives". (Divided out of Appln. No. 644/Cal/95 anti dated to 6-0-95).

571/Cal/97 The Wellcome Foundation Ltd., "Process for the preparation of amide derivatives". (Divided out of Appln. No. 644/Cal/95 anti dated to 6-6-95).

572/Cal/97 The Wellcome Foundation Ltd., "Process for the preparation of amide derivatives". (Divided out of Appln. No. S44/Cal/95 anti dated to 6-6-95).

573/Cal/97 Robert William Lambert, "Building Kit".

574/Cal/97 Loramendi, S.A., "High compacting device for air impact sanbox moulding machines".

1-4-1997

575/Cal/97 Dr. Med. Wolfgang Wagner, "A device and device related method for a control of metabolism on a living being".

576/Cal/97 Engelhard Corporation, "Method and apparatus for No. abatement in lean gaseous streams". (Convention No. 08,645,363 on 13-5-96 in U.S.A.).

577/Cal/97 Siemens Aktiengesellschaft, "A method for controlling the changing of telecommunication channels of a telecommunication subsystem tied into a telecommunication system as local information transmission loop, particularly of a dect specific rll/wll subsystem tied into an isdn system". (Convention No. 19613636.9 on 4-4-96 & 19625141.9 on 24-6-96 in Germany).

578/Cal/97 Siemens Aktiengesellschaft, "A method for allocating Telecommunication channels of different channel capacity in a hybrid telecommunication system, particularly an, "Isdn-Dect-Specific rll, wll" system". (Convention No. 19613637.7 on 4-4-96 & 19625142.7 on 24-6-96 in Germany).

579/Cal/97 Merck Patent Gesellschaft Mit Beschränkter Haftung, "Cyclic adhesion inhibitors". (Convention No. 19613933.3 on 6-4-96 in Germany).

580/Cal/97 E.I. Du Pont De Nemours and Company, "An improved process for preparing anhydrous hen.". (Convention No. 60/018,637 on 30-5-96 in U.S.A.).

581/Cal/97 Kotobuki & Co., Ltd., "Writing Tool" (Convention No. 8-191261 in Japan).

582/Cal/97 Ishikawajima-Harima Heavy Industries Company Ltd., "Magnetic Braking". (Convention No. PN9539 on 29-4-96 & PO2507 on 23-09-96 in Australia).

2-4-1997

583/Cal/97 Laboratorios Biologicos Parmaceuticos (Labiofam). "Method for the obtainment of a biological rodenticides".

584/Cal/97 Degussa Aktiengesellschaft, "Diesel catalytic converter". (Convention No. 196 14 540.6 on 12th April, 1996 in DE.).

585/Cal/97 Lord Corporation, "Epoxy adhesive compositions and methods of making same". (Convention No. 08/634,173 on 18-04-96 in U.S.A.).

586/Cal/97 Lord Corporation, "Free radical polymerizable compositions including para-halogenated aniline derivatives". (Convention No. 08 631,930 on 15-04-96 in U.S.A.).

587/Cal/97 Pro, Dr. Peter Rohdewald, "Process for the production of a preparation containing the polyphenols of green tea in readily available non-oxidised form". (Convention No. 19530868.9 on 22-8-95 in Germany).

588/Cal/97 The Babcock & Wilcox Co., "Rotated multi-cylinder air delivery port". (Convention No. 08/627,259 on 3-4-96 in U.S.A.).

3-4-1997

589/Cal/97. Johnson & Johnson Medical, Inc, "Method of sterilization using pretreatment with hydrogen peroxide", (Convention No. 08/628965 on 4-4-96 in USA).

590/Cal/97. Anysoft Ltd., "Apparatus for and method of acquiring, processing and routing data contained in a gui window". (Convention No. 08/627,519 on 4-4-96 in USA).

591/Cal/97. Motorenfabrik Hatz GMBH & Co. KG., "Injecting device". (Convention No. 19614980.0-13 on 16-4-96 in Germany).

592/Cal/97. Hoechst Aktiengesellschaft, "Catalyst, process for the production thereof, and use thereof for the preparation of vinyl acetate".

4-4-1997

593/Cal/97. Mr. Sutanu K. Ghose, "Greenmag" Fuel saving system with anti pollution device through Magnet Technology".

594/Cal/97. Mr. Sutami K. Ghose, "Greenmag" water system and anti scalling devices per magnetic therapy."

595/Cal/97. Richard M. Gerkin and Kayo K. Robinson, Reactive amine catalysts for use in polyurethane polymers" (Convention No. 60/014,843 on 4-4-96 in USA).

596/Cal/97. E.I. Du Pont De Nemours and Company, "Aramid ballistic structure" (Convention No. 08/636,446 on 23-4-96 in USA).

597/Cal/97. Worldwide Water, Inc., "Portable, Portable water recovery and dispensing apparatus". (Convention No. 08/629,305 on 8th April, 1996 in USA).

598/Cal/97. Chih-Ching Hsieh, "Box end wrench with stop means to hold down the bolt or nut to be turned".

599/Cal/97. RLT Acquisition, Inc., "Prize redemption system for games". (Convention No. 08/628,490 on 5-4-96 in USA),

7-4-1997

600/Cal/97. Shri Arvind Kumar Pandey, "Rotary bipiston for I.C. Engine".

601/Cal/97. Ethicon, Inc., "improved process for manufacturing a polypropylene monofilament suture", (Convention No. OK/629,152 on 8-4-96 in USA).

602/Cal/97. Eaton Corporation, "Apparatus for detecting and responding to series arcs in ac electrical systems. (Convention No. 633,603 on 17-4-46 in US.).

603/Cal/97. Eaton Corporation, "Cultchball ramp actuator to maintain state upon loss of power", (Convention No .08/633,619 on 17-4-96 in U.S.).

604/Cal/97. Pai Lung Machinery Mill Co. Ltd., "Needle position detecting system of a circular knitting machine".

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PATENT OFFICE BRANCH, WING C (C-4 'A'),
THIRD FLOOR, RAJAJI BHAVAN, BESANT NAGAR,
CHENNAI-600 090

27th January, 1997

132/Mas/97. Konda Vishweshwar Reddy. Concept of using electroconductive rubber material as a automotive wiper.

133/Mas/97. Subbiah Chettiar Narayanan, A device for generating power from fluid energy.

134/Mas/97. Nathan Senthilvel. Millennium energy magnet array X².

135/Mas/97. British Telecommunications Plc Billing for communications usage.

136/Mas/97. Zeneca Limited. Azo dyes. (February 10, 1996; Great Britain).

137/Mas/97. Zeneca Limited. Organic chemicals. (January 27, 1996; Great Britain).

138/Mas/97. Zeneca Limited. Flourinated compounds. (January 27, 1996 ; Great Britain).

139/Mas/97. Pilkington plc. A method of making glass. (January 30, 1996; United Kingdom).

140/Mas/97. Earth First Air System., Inc. Liquid spray air purification apparatus. (February 2, 1996; U.S.).

141/Mas/97. Sacs deters S.p.A. Combination of materials for the low temperature triggering of the activation of getter materials and getter devices containing the same (February 9, 1996; Italy).

142/Mas/97..The University of Tennessee Research Corporation. Laser induced improvement of surfaces.

143/Mas/97. Nokia Mobile Phones Limited. Transmitting and receiving radio signals (March 12 1966; United Kingdom).

144/Mas/97. Duraiswamy Narayanaswamy, Duraiswamy Natarajan and Duraiswamy Radhakrishnan. Auto-mixed continuous type sandless roaster.

28th January, 1097.

145/Mas/97. Southern match Consultants; and Engineers Pvt. Ltd. Outer box making machine.

146/Mas/97. Southern Match Consultants and " Engineers Private Limited. Frame filling machine.

147/Mas/97. Southern Match. Consultants and Engineers Private Limited. Inner box making machine

148/Mas/97. Southern Match Consultants and Engineers Private Limited. The cardboard side painting machine.

149/Mas/97 Southern Match Consultants and Engineers Private Limited, Wire drawing machine.

150/Mas/97. Jakka Suryaprakash. Strength wall bricade.

151/Mas/97. Jakka Suryaprakash. Shaving smart handle.

152/Mas/97. Jakka Suryaprakash. Sea oar chain.

153/Mas/97. Jakka Suryaprakash. Strength bricade.

154/Mas/97. J M Muber Corporation. A process for pre-piiring sodium aluminosilicate. (Divisional to Patent Application No. 1011/Mas/94).

155/Mas/97. Asea Brown Boveri AG. Line section of a gas-insulated line. (February 6, 1996 ; Germany).

156/Mas/97. Mitsubishi Denki Kabushiki Kaisha. Apparatus for removing shared waves.

157/Mas/97. Cabot Corporation. Carbon blacks and compositions incorporating the carbon blacks. (January 31, 1996; United States).

158/Mas/97. Kimberly-Clark Worldwide, Inc., Body adhesive pad having positioning means (February 7, 1996 ; United States).

159/Mas/97. Sanofi. Cosmetic composition containing a neuropeptide receptor antagonist. (October 23, 1996 ; France).

160/Mas/97. F.L. Smidth & Co. A/S. Method for reducing NOX emission from a kiln plant.

161/Mas/97. Bohnie Co. Ltd, Packaged textile product, method for packaging textile product and method for restoring original shape of textile product. (January 30, 1996; Japan).

162/Mas/97. Norton Chemical Process Products Corporation. Fractionation trays,

163/Mas/97. Societe des Produits Nestle S.A. Granuler food product.

164/Mas/97. Zeneca Limited. Stable herbicidal compositions containing metal chelates of herbicidal dione compounds. (February 2, 1996 ; USA).

165/Mas/97. AT&T Corp. Security Access System.

166/Mas/97. AT&T Corporation. Method and apparatus for detecting railway activity.

29th January, 1997

167/Mas/97. EWMC Pvt. Ltd. Geo-thermal boiler,

168/Mas/97. Southern Petrochemical Industries Corporation Ltd. A solid catalyst for preparing 2-cyanopyrazine and its preparation.

169/Mas/97. Southern Petrochemical Industries Corporation Ltd. A process for complete recovery, of arsenic from arsenic containing sludge.

- 170/Mas/97. Southern Petrochemical Industries Corporation Ltd. A solid catalyst for the manufacture of 2-methyl pyraazine and process for the preparation of the catalyst.
- 171/Mas 97. Gunduraju Seethapathyraju Ramachandran. A collapsible container.
- 172/Mas/97. Henkel Kommanditgesellschaft auf Aktien. A firm, adhesive and smooth-rubbing paste. (February 24, 1996; Germany).
- 173/Mas/97. Sumitomo Chemical Company Limited. 1 Dihalopropene compounds, their use and intermediates for their production. (January 30, 1996; Japan).
- 174/Mas/97. Mannesmann Aktiengesellschaft, Process for the production of stainless steels. (January 31, 1996; Germany).
- 175/Mas/97. Mannesmann Aktienagsellschaft. Method of rolling hot strip, in particular hot wide strip. (January 30, 1996; Germany).
- 176/Mas/97. Hunter Automated Machinery Corporation. Linear mold handling system with double-deck pouring and cooling lines.
- 177/Mas/97. British-American Tobacco Company Limited. Improved smoking article carton and blank therefor. (February 8, 1996; U.K.).
- 178/Mas/97. Schneider Electric SA. Operating mechanism of a circuit breaker with a locking system disengagable on a short circuit.
- 179/Mas/97 Institut Francais. Du Petrole. Two-stroke engine with valve motion control means. (February 12, 1996, France).
- 180/Mas/97. Petroleo Brasileiro SA. method and equipment for gathering offshore oil production with primary gas separation. (January 29, 1996; Brazil).
- 181/Mas/97. Petroleo Brasileiro S.A. Method and equipment for the flow of offshore oil production. (January 29, 1996; Brazil).
- 182/Mas/97. Kimberly-Clark Worldwide, Inc. Elastic, breathable, barrier fabric. (February 20, 1996; United States of America).
- 183/Mas/97. Daewoo Electronics Co. Ltd. Thin film actuated mirror arrays in an optical projection system and method for manufacturing the same. (August 13, 1996; Korea).
- 184/Mas/97. Daewoo Electronics Co. Ltd. Thin film actuated mirror array in an optical projection system and method for manufacturing the same.
- 30th January 1997
- 185/Mas/97. Bodepudy Raghu Babu. A rotary device for tapping of water wave and water stream energy.
- 186/Mas/97. Basf Aktiengesellschaft. Sheetlike composite. (February 2, 1996; Germany).
- 187/Mas/97. British Telecommunication Public Limited Company. Database access. (January 31, 1996; United Kingdom).
- 188/Mas/97. Ascometal Immeuble "La Pacific". Steel for the manufacture of a forging and process for manufacturing a forging. (February 3, 1996; France).
- 189/Mas/97. Borealis A/S. Heteroatom substituted metallocene compounds for olefin polymerization catalyst; systems and method for preparing thereof. (January 30, 1996; Finland).
- 190/Mas/97. International Business Machine Corporation. Rule-based method for desgning user interfaces for application. (February 2, 1996; USA).
- 191/Mas/97. Avery Dennison Corporation. Precombined mechanical closure. (June 28, 1996; U.S.A.).

- 192/Mas/97. Nova Nordisk A/S An enzyme with xylanase activity.
- 193/Mas/97. Novo Nordisk A.S. An enzyme with xylanase activity.
- 194/Mas/97. Novo Nordisk A/S. An enzyme with xylanase activity.
- 195/Mas/97. Novo Nordisk A/S. An enzyme with xylanase activity..
- 196/Mas/97. Sumitomo Chemical Company, Limited. Fluoropropnc compound, an insecticide containing the same and an intermediate for production thereof. (January 31, 1996; Japan).

31st January, 1997

- 197/Mas/97. V. V. Thangathiruppathy. Device to prevent the railway derailment and the swinging out of the ends of railway coaches wagons and engines.
- 198/Mas/97 ELF Atochem S. A. Preparation of 1, 1, 1, 3, 3-pentachlorobutane and 1, 1, 1, 3, 3, pentafluorobutane. (February 1, 1996; France).
- 199/Mas/97. Novo Nordisk A/S. Process for deiszing celulosic fabric.
- 200/Mas/97. Mitsubishi Rayon Co., Ltd Surface light source device, and liquid crystal display device, sign display apparatus and traffic sign display apparatus using the surface light source device, (February 1, 1996; Japan).
- 201/Mas/97. Hoechst Aktiengesellschaft. Nail growth-promoting formulations. (February 6, 1996; Germany).
- 202/Mas/97. Zellweger Luwa AG. A method and device for determining strength properties of elongated, textile test material. (February 26, 1996; Switzerland).
- 203/Mas/97. Brown & Williamson Tobacco Corporation. Method and apparatus for low residence time re-drying of tobacco. (February 2, 1996; U.S.A.).
- 204/Mas/97. Qualcomm incorporated. Method and apparatus for providing a private communication system in public switch telephone network (February 1, 1997; U.S.A.),

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding, one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदन में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप है।”

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टीकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिचालन किया जा सकता है।

Ind. Cl. : 172 C 2

178551

Int. Cl.4 : D 01 G 19/08

"A TRANSPORT DEVICE FOR THE DELIVERY OF A PLURALITY OF TUBES WOUND WITH TEXTILE MATERIAL TO FORM LAPS."

Applicant : MASCHINENFABRIK RIETER AC) OF CH-8406. WINTERTHUR, SWITZERLAND.

Inventors : (1) HANSRICH EICHENBERGER,
(2) PAUL SCHEURER.

Application No. 535/Mas/90, filed 3 July, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

23 Claims

A transport device for the delivery of a plurality of tubes wound with textile material to form laps, from a lap forming machine to a lap processing machine by means of a transport truck, comprising : a lap forming machine for forming laps; a lap processing machine: for processing the formed laps; a transport truck for conveying the laps between the lap forming machine and the lap processing machine said transport truck being provided with receiver means for reposingly receiving the laps; said transport truck having a lengthwise direction; said laps viewed in the lengthwise direction of the transport truck, being arranged behind one another and coaxially with respect to one another at a predetermined spacing from one another in the receiver means; means for fixing the transport truck in a predetermined position for delivery of the laps from the transport truck to the lap processing machine; said transport truck having a lengthwise axis means defining a pivot axis for pivotably mounting said receiver means at one side thereof for pivotal movement in a direction transverse with respect to the lengthwise axis of the transport truck; said receiver means

being downwardly pivotable into a lower position for the simultaneous release of the laps and for automatically transferring the laps to the lap processing machine; resilient means co-acting with said receiver means for acting upon said receiver means in a direction opposite to the downwardly pivotable movement and against the direction of a force excited by the weight of the laps reposing in the receiver means; a locking device for retaining the receiver means locked in an upper transport position; a receiver through disposed beneath the receiver means, said receiver trough receiving empty tubes delivered by the lap processing machine, said receiver trough being disposed approximately parallel to said receiver means; said receiver means possessing a predetermined length; said receiver trough possessing a predetermined length and said predetermined length of said receiver trough corresponding approximately to said predetermined length of said receiver means,

(Comp. 24 pages;

Drwgs. ; 3 Sheets).

ind. Cl. : 172 D4

178552

Int. Cl.4 : D 01 H 1 14.

"AN APPARATUS FOR AN AUTOMATIC CLEANING OF THE PROTECTIVE POT OF A TWO-FOR-ONE TWISTING SPINDLE".

Applicant : PALITEX PROTECT COMPANY GMBH, WEESERWEG 60 4150 KRFFELD, GERMANY.

Inventors : (1) HEINZ SCHUFELD,
(2) ULRICH LOSSA OF , WINNERT-ZWHG.

Application No. : 553/Mas/90 filed on 10th July, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule., 1972 Patent Office, Madras Branch

An apparatus for an automatic cleaning of the protective pot of a two-for-one twisting spindle comprising an automatic maintenance device (B) which is movable to the two-for-one twisting spindle to be cleaned, and contains at least one rotatable, upward and downward movable cleaning means (23), comprising cleaning elements (46), located on a motor-driven shaft (42) and movable in radial direction, and gripping levers (52) for holding a protective pot (8) and a suction means; attached to the cleaning means (23).

(Compl. 18 pages;

Drgns. : 5 Sheets).

Ind. Cl.: 23 -B

178553

Int, Cl.4 : B 65 D-6/00.

A CRATE.

Applicant : METAL BOX SOUTH AFRICA LIMITED, OF 114 DENNIS ROAD ATHOLL GARDENS. SEND-TON, 2196, GAUTENG, REPUBLIC OF SOUTH AFRICA,

Inventors : MICHAEL JAMES WARWICK.

Application No. : 676/Mas/90 filed on 23rd Aug. 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch,

11 Claims

A crate comprising a body defining a cavity for receiving a plurality of containers and having a base defining a floor on which the containers are supported and a plurality of support platforms, spaced above and connected to the floor to define downwardly opening recesses: a crate insert located wholly or substantially wholly in the cavity of the body and providing a spacer arrangement spaced above the base of the body for separating containers in the crate from one another in normal use, the crate insert having a plurality of load-bearing pillars which rest on and extend upwardly from upper surfaces of the support platforms for the entire

or substantially the entire height of the body, the load-bearing pillars and the body being configured such that when the crate is located in a stack of such crates, the upper ends of the load-bearing pillars of a such crates, the upper ends of the load-bearing pillars of it subjacent crate are received in said downwardly opening recesses and about the lower surfaces of the support platforms to form a composite load-bearing pillar construction in which the load-bearing pillars of the crates in the stack are longitudinally aligned.

Compl. 17 pages;

Drgns : 9 Sheets).

Incl. Cl. : 172 D7 ; 172 C1

178554

Int. Cl⁴ : B 65 H 67/04.

"A DEVICE FOR FEEDING FIBRES SLIVERS TO A TEXTILE PROCEEDING MACHINE."

Applicant : MASCHTNEFABRIK RIETER. AC OF CH-8406 WINTERTHUR, SWITZERLAND.

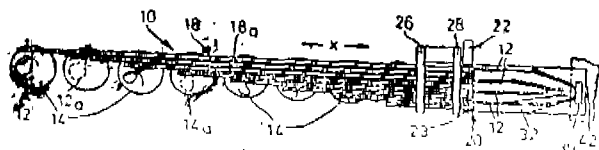
Inventor : 1. RAPHAEL WICKI.

Application No. : 718/Mas/90 filed on 11th September, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

17 Claims

A device for feeding fibre slivers to a textile processing machine comprising a feed table with conveyors, the said conveyor being provided with the reserve sliver held in a reserve position for assignment to the conveying route in the case of a break or running out of the fibre sliver in order to attach the starting of the reserve sliver to the end of the fibre slivers running out a common pressure gap (47) is provided to the separate conveyor routes (18, 18a) of the sliver (12) and the fibre sliver as well as reserve sliver (12a).



(Compl. 19 pages;

Drgns. : 3 Sheets).

Ind. Cl. : 40 B

178555

Int. Cl⁴ : B 01 J 21/00, 23/00, 27/00.

COMPONENT OF PREPARING A SOLID CATALYST

Applicant : HIMONT INCORPORATED OF 2801

Inventor : CRYSTAL A SMITH.

Application No. : 731/Mas/90 filed on 17th Sep. 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

9 Claims

A method of preparing a solid catalyst component comprising treating an activated anhydrous $MgCl_2$ a $MgCl_2$ /alcohol adduct or an unactivated $MgCl_2$ precursor in an inert atmosphere, with at least one treatment of at least two halogen-containing transition metal compounds sequentially or simultaneously or both, wherein one is a halogen containing titanium compound selected from the group consisting of titanium tetrachloride, titanium tetrabromide, titanium oxychloride, titanium oxybromide and trichlorotitanium ethoxide and one is a halogen-containing non-titanium transition metal compounds selected from "the group

consisting of Sc, Hf, Zr, V, Nb and Ta, optionally in the presence of a polar liquid medium and of an electron donor, initially at $0^\circ C$ and then at a temperature of from 30° to $120^\circ C$ for a period of 30 to 240 minutes for each treatment, with the solids being isolated in between treatments.

(Compl. 37 pages;

Drgns.

Sheets Nil).

Ind. C : 206 E

178556

Int. Cl⁴ : G 06 F 13/30.

"AN INTERFACE CIRCUIT FOR CONTROLLING THE FLOW OF DATA TO AND FROM A COMPUTER BUS".

Applicant : INTERNATIONAL BUSINESS MACHINES CORPORATION OF ARMONK, NEW YORK 10504, U.S.A.

Inventors : (1) RUSSEL STEPHEN PADGETT,
(2) DOUGLAS RODERICK CHISHOLM,
(3) SERAFIN JOSE ELEAZAR GARCIA,
(4) DEAN ALAN KALMAN,
(5) ROBERT DEAN YODER.

Application No. : 760/Mas/90 filed on 25th September, 1990.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

8 Claims

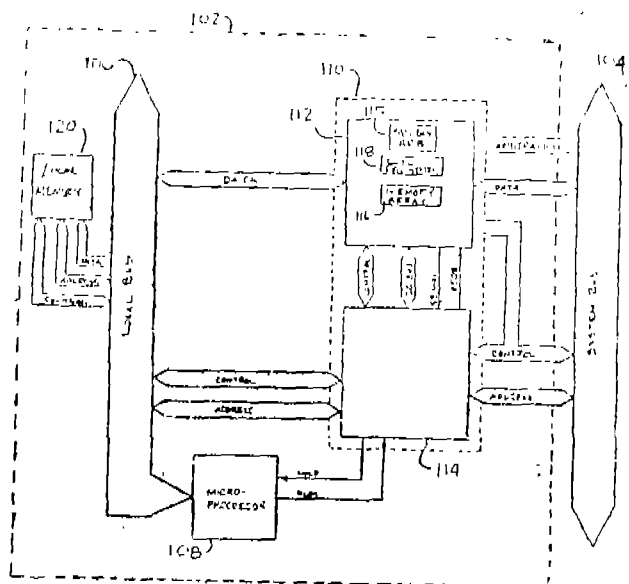
An interface circuit, for controlling the flow of data to and from a computer bus, said interface circuit comprising in combination :

a first controller means for controlling the transfer of data, said first controller means having an output port for a first control signal;

a second controller means for controlling the transfer of data, said second controller means having an output port for a second control signal;

a bus interface controller for transferring data to and from said computer bus, said bus interface controller having an input port for receiving said first and second control signals from said first and second controller means; and

break-in circuitry for blocking said first control signal from said bus interface controller in response to a request signal from said second controller means to transfer data.



(Compl), 18 pages;

Drwgs. : 5 Sheets).

Ind. Cl. : 165 C

178557

Int. Cl⁴ : D05 B 55/00.

"ASSEMBLY FOR DETACHABLY MOUNTING A TOOL ON A DRIVING MEMBER'.

Applicant : MEFINA S.A, OF BOULEVARD DE PEROLLES 5, 1700 FRIBOURG, SWITZERLAND.

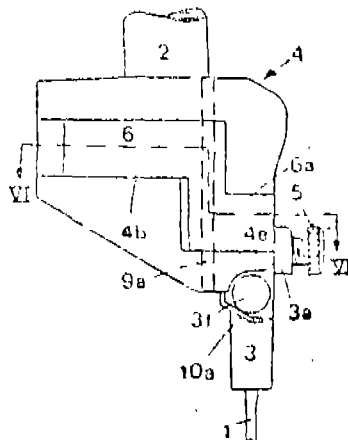
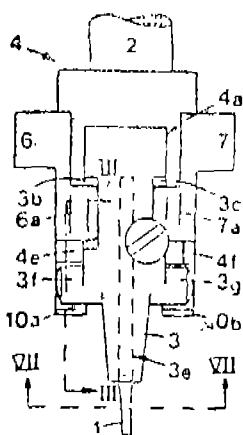
Inventor : ANTONIO JIMENEZ.

Application No. : 785/Mas/90 filed on 4th Oct. 1990.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

16 Claims

Assembly for detachably mounting a tool on a driving member comprising a tool carrier, a mounting head for connecting the tool carrier to the driving member, the mounting head having at least one seat surface being co-operatively engaged with a corresponding portion of the tool carrier, a device for holding the tool carrier in contact with the seat, and means for positioning the mounting head in a specific position relative to the tool carrier when the tool carrier is held by the holding device, the positioning means having at least one stop member preventing displacement of the tool carrier on the seat, abutment members disposed in a specific direction for preventing displacement of the tool carrier on the seat in any path transverse to said direction, and at least one thrust member acting on the tool carrier in a direction for holding the tool carrier in permanent contact with the stop member in said specific position with respect to said mounting head, said mounting head being formed by a body having at least a portion of an external surface hollowed out by a recess, said recess having a base, longitudinal side walls, & top wall and being open at one end thereof, at least a portion of the base of the recess formed said seat, at least a portion of the longitudinal side walls of the recess forming said abutment member, at least a portion of the top wall of the recess defining the other end of said recess forming said stop member, said tool carrier having; a plate portion having a shape which substantially corresponds to the shape of said recess of the mounting head, a first end of said plate portion being in contact with said stop member.



(Compl. 23 pages;

Dwgs. : 4 Sheets)

Ind. Cl. : 172

D1,

178558

Ind. Cl⁴ : D 01 H 9/14
B65 H 54/02.

"A BOBBIN TRANSFER APPARATUS".

Applicant : PALITEX PROJECT-COMPANY GmbH OF WEESERWEG 60 4150 KREFELD 1, GERMANY.

Inventors : (1) SIEGFRIED INGER,
(2) WOLFGANG LEUPERS.

Application No. : 799/Mas/90 filed on 9th Oct. 1990.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office, Madras Branch.

12 Claims

A bobbin transfer apparatus for simultaneously transfer ing consecutive fully wound bobbins of yarn and substantially empty bobbins of yarn between a yarn bobbin winding machine adjacent said transfer apparatus and a bobbin suspension transporting mechanism positioned over said transfer apparatus, said bobbin suspension transporting mechanism consecutively transporting full bobbins from said transfer apparatus to a yarn processing machine and returning substantially empty bobbins therefrom to said transfer apparatus, said transfer apparatus comprising conveying means for consecutively conveying individual adapters for receiving said fully wound bobbins of yarn and said substantially empty bobbins of yarn, in an upright position, in a pre-determined direction along a closed path of travel and consecutively through a plurality of work stations comprising a first work station positioned adjacent the closed path of travel of said conveying means and having means for moving up and down between said conveying means and the bobbin suspension transporting mechanism and for consecutively receiving and carrying adapters with a full yarn bobbin thereon from said conveying means to the transporting mechanism during upward movement thereof and for consecutively receiving and carrying adapters with a substantially empty bobbin thereon from the transporting mechanism to said conveying means during downward movement thereof; a second work station positioned adjacent the closed path of travel of said conveying means and having means for consecutively receiving the adapter with the substantially empty bobbin from said first work station and for removing the substantially empty bobbins from the adapters for return to the winding machine; and a third work station positioned adjacent the closed path of travel of said conveying means and having means for consecutively receiving the empty adapters from said second work station and for mounting a fully wound bobbin of yarn from the winding machine onto the empty adapters, so that the adapters with the full bobbin thereon are conveyed by said conveying means to said first work station for transferring to the transporting mechanism.

(Compl. 21 pages;

Dwgs.

: 5 Sheets).

Ind. Cl. : 33A, D

178559

Int. Cl⁴ : B 22 D 18/06.

"A METHOD AND APPARATUS FOR COUNTER GRAVITY CASTING OF MOLTEN METAL".

Applicant : HITCHINER MANUFACTURING CO., INC., 127 OLD WILTON ROAD, MILFORD, NEW HAMPSHIRE 03055 UNITED STATES OF AMERICA.

Inventor : GEORGE DIXON CHANDLEY, U.S.A.

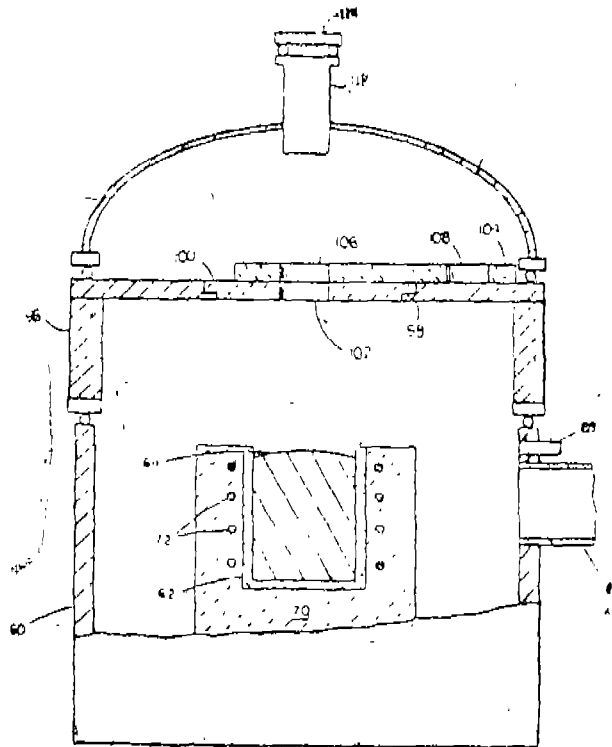
Application No. : 837/Mas/90 filed on 19th Oct. 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972), Patent Office, Madras Branch,

35 Claims

A method of counter gravity, carting of molten metal with the exclusion of air in a gas-previous mold sealed in an evacuable chamber with a fill pipe for the mold cavities having a free end projecting therefrom said method comprising the steps of : providing a supply of the molten metal to be cast in a crucible in an enclosure under a substantially air free atmosphere of inert gas, said enclosure being exposed to a source of ambient atmosphere, said enclosure having a first cover with an opening therein for receiving a metal charge and the free end of said fill pipe therethrough and a second, laterally movable cover placed atop said first cover, said second cover having first and second opening spaced laterally from each other and having an uninterrupted area greater than or equal to the diameter of said opening in said first cover, said first opening for receiving a metal charge when said first opening is aligned with said opening of said first cover and said second opening for receiving the free end of said fill pipe therethrough when said second opening is aligned with said opening in said first cover, and said first opening of said movable cover being aligned with and in communication with the opening in said first cover while providing said supply of molten metal to said crucible; placing said uninterrupted area of said movable cover over said opening in said first cover to prevent air from contacting the molten metal in said crucible; inserting the free end of said fill pipe through said second opening in said movable cover and then moving said movable cover to align said free end of said fill pipe with said opening in said first cover; relatively moving said fill pipe and said crucible enclosure to project the free end of said fill pipe to a position below the surface of molten metal in said crucible, and evacuating said chamber to provide in the mold interior a pressure sufficiently tower then the pressure of said inert gas atmosphere in said crucible enclosure to cause molten metal to rise through said fill pipe to fill the cavities in said mold; relatively moving reversely said mold fill pipe and said crucible enclosure to withdraw said fill pipe from said molten metal and arranging said movable cover to prevent air from contacting said molten metal.

2-67/GI/97



(Com. 27 pages;

Drwgs : 3 Sheets).

Ind. Cl. : 22

178560

Int.Cl⁴ : B 65 D 83/00.

"A KNAPSACK DISTILLED WATER STORAGE AND DISPENSING SYSTEM."

Applicant : AMCO BATTERIES LIMITED, R&D CENTRE, BELLARY ROAD. BYATARAYANAPURA, BANGALORE-560092, KARNATAKA.

Inventors : (1) SUBRAMANIAN ANANTHANARAYANAN, KARNATAKA.

(2) KADUGANUR VISWANATHAN BALAKRISHNAN, KARNATAKA.

Application No. 843/Mas/90 filed on 22-10-90.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

5 Claims

A knapsack distilled water storage and dispensing system for being carried from place to place by an operator comprising a jerry can provided with a cock for storing and

dispensing distilled water, said cock being connected to a device for topping batteries with distilled water; straps for securing the jerry can to a pair of shoulder belts provided for being slipped over the shoulders of the operator; a

cushion provided against the jerry can for resting the operator's back there against; and a hook provided on one of the shoulder belts for hanging the said device, when not in use, thereon.

(Compl. 7 pages;

Drwgs. 1 sheet).

178561

Ind Cl :- 133 B1Gr./LIX (3)/ &
61 E 1 Gr./LVII (3)/

Int. Cl. :- G 85 F. 5/00

Title :- AN ELECTRONIC DEVICE FOR REGULATING POWER
SUPPLY TO A LOAD.

Applicant :- MRS. KUSUM ZALAVADIA
& INDIAN NATIONAL AT VADODAR
Inventor VIA: DNORAH, DISTRICT - RAJKOT
GUJARAT, INDIA

PATENT APPLICATION NO.. 426 BOM 92 WITH PROVISIONAL
SPECIFICATION FILED ON 28-12-92

COMPLETE AFTER PROVISIONAL SPECIFICATION FILED ON
20-03-94

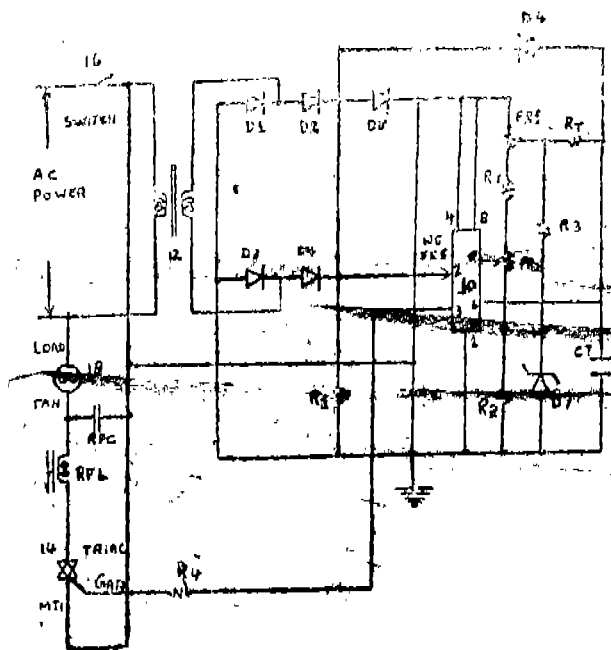
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS
PATENTS RULES, 1972) PATENT OFFICE BRANCH, MUMBAI - 400 013.

4 Claims

An electronic device for regulating power supply to a load, comprising a step down transformer for stepping down being AC line voltage, full wave bridge rectifier circuit receiving the receiving the stepped down voltage from the said step down transformers a zero cross detection circuit receiving input voltage from the said full wave bridge rectifier circuit: a capacitor filtering rectified AC from the said zero cross detection circuit and converting AC into DC supply: a control circuit consisting of a present [PR1] a resistor [RS] a control potentiometer [PR2] a sensor diode [D7], a timing capacitor [CT] a temperature dependent timing resistor [RT] a pair of resistors [R2R3] and an overflow prevention diode [D6] an integrated circuit [IC ME

555] deriving DC supply from the said capacitor, trigger input from the said zero cross detection circuit deriving input

reference for internal comparator from the said potentiometer [PR2] and temperature dependent time delay information from the junction of the other input of the internal comparator, and a current limiting resistor [P4] providing a reference between the said control circuit and a static switch [Triag] deriving its GATE current from the said IC through the said current limiting



(Com. 7 pages;

Drwgs

: 1 Sheets).

Ind. Cl. : 189 G [LXVI (9)],

178562;

Int.Cl. : A 61 K-7/00.

A COMPOSITION SUITABLE FOR TOPICAL APPLICATION.

Applicants : HINDUSTAN LEVER LIMITED OF HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMATION, MUMBAI-400 020. MAHARASHTRA, INDIA.

Inventors : (1) SINKAR VILAS PANDURANG
(2) NAYAK KALPANA KAMALAKAR
(3) ARAVINDAKSHAN PERINCHEERY
(4) VELAYUDHAN NAIR GOPA KUMAR.

Patent Application No. 151/BM/93 filed on 13-5-93.

Complete after Provisional Specification filed on 28-7-94.

Appropriate Office for Opposition" Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Mumbai-400 013.

6 Claims

In a process for the manufacture of a composition for topical application to the body surface comprising functional ingredients containing 0.1—20% by weight of composition alongwith upto 10% of surface charge modified material such as herein described with or without other conventional ingredients, consisting of the steps of loading said functional ingredient on a surface charge-modified material such as herein described comprising :

- (a) Preparing a surface charge modified material by :—
 - (i) Providing the participate material;
 - (ii) Precipitating a metal hydroxide onto said particulate material by slurrying the particles in an aqueous solution of metal salt;
 - (iii) adjusting the PH to a predetermined level;
 - (iv) recovering the particulate material having the modified surface charge thereon;
- (b) dissolving the selected functional ingredients in an organic aqueous solvent;
- (c) adding the dissolved functional ingredients of step (b) to the particulate material having modified surface charge of step (a) above;

(d) subjecting the mix of step (c)"mixing in mixer followed by;

(e) drying of the product.

Prov. Specn. 10 pages;

Drg

Nil.

Comp. Specn. 17 pages;

Drg,

1 sheet.

Ind. Cl. : 20 B

Gr.[XLII

(2)]

178563

Int. Cl. : G 04 B-19,20 &

G 09 D-3/04.

IMPROVED PERPETUAL CALENDAR.

Applicant & Inventor : PUNDALIK. KISANRAO DHARMEJWAR A CITIZEN OF INDIA, PLOT NO. 7, DORELAYOUT, BHAIYALAL WADI, SITANAGAR (SOMALWADAJ, NAGPUR-440 025, MAHARASHTRA, INDIA.

Patent Application No, 174/BOM/93 filed on 31-5-93.

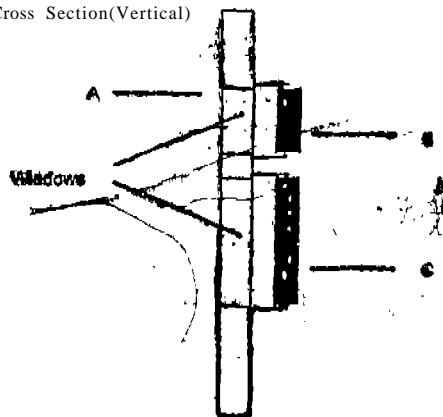
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules. 1972) Patent Office Branch, Mumbai-400 013.

6 Claims

An improved perpetual calendar comprising a front panel, an upper band and a lower sliding band, the said eliding bands being slidably attached behind the said front pannel and are, slidable individually in a desired manner, the said front pannel being divided into fourteen horizontal rows/lines and into a plurality of vertical columns to form a desired number of blocks for depicting there into the last two digits, representing the year, starting from 00 to 99, the digits representing the leap years being depicted twice in succession, in vertical columns, a set of seven letters code depicted in a vertical column and repeated twice in the same order, the first letter starting from the bottom most block of the column, a part of the said front pannel, preferably in the middle, being provided with the same set of seven letters code in its top most line divided into seven columns, the said part being provided an upper window and a lower window and below the said lower window the two rows/lines divided into seven columns, are provided, the first row/line being depicted with O to III roman numbers, leaving one block vacant and the second row line being depicted with 0 to VI roman numbers, the said upper sliding bund being divided into two horizontal rows/lines and fourteen vertical columns, the lower row/line being depicted with one or more letters or sign

representing the seven days of the week, in succession and repeated twice, the said upper row/line being depicted with the letter/number/sign and the like depicting the twelve months combined into seven blocks and repeated twice in the same order/sequence, the month being combined in a particular block represent the same day of the week for a particular date or say having day and date common, the said lower sliding band having two portions each divided into five horizontal rows/lines and seven vertical columns, the one portion being depicting the dates of a month starting from 1 to 31 and four codes representing Gregorian and Julian era, the other portion also depicting the same dates and codes but the dates from 8 to 14 in the topmost line and dates 1. to,7 being placed in the lower most line.

Fig No.4 Cross Section(Vertical)



Comp. Specn. 12 pages; Drngs 2 sheets.

Ind..Cl. : 179 F, Gr. [XL, (6)7 178564
Int. Cl. : A 47 K-5/00 &
B 65 D-35/00; 47/00.

MULTI-CAVITY DISPENSING REFILL CARTRIDGE.

Applicants: HINDUSTAN LEVER LIMITED OF HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMATION, MUMBAI-400 020. MAHARASHTRA, INDIA.

Inventors : JAMES LOUIS GENTILE.

Patent Application No. 182/BOM/93 filled on 11-6-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules. 1972) Patent Office Branch, Mumbai400013.

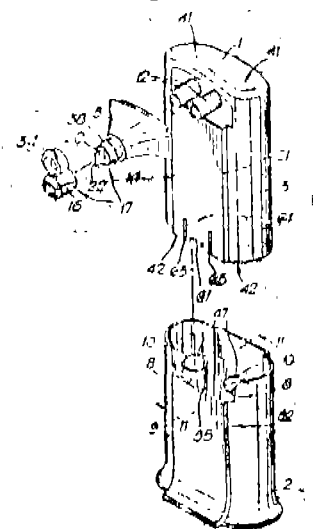
13 Claims

A multi-cavity dispensing refill cartridge, for use with a reusable base unit, for the coextrusion of at least two flowable materials comprising :

a dispensing cartridge, comprising at least two hollow and separate parallel cylinders, each cylinder containing one of the flowable materials, the cylinders having a first generally closed end and a second end telescopically and slidably accommodating least two parallel piston heads which conform to ride sealingly along the interior walls of the cylinders so as to force the flowable materials to flow toward the first end of the cylinder upon relative compression of the cylinders and piston heads, the piston heads being compressably engagable with piston rods of a reusable base unit, the cylinders having outlet channels at the closed end, the refill cartridge further comprising means for selectively engaging a reusable base unit; and an outlet means in fluid communication with the outlet channels, the outlet means including adjacent outlet openings unconnected to each other and having means for causing the flowable material to flow toward each other at the outlet openings to form

a single banded, unmixed stream of the materials outside of the outlet means.

Fig 1



Compl. Specn. 20 pages; Drngs. 6 sheets,

Ind. Cl. : 55 A & D Gr. [XIX (i)] 178565
170 D & C Gr. [XLIII (u)]

Int. Cl. : A61K 33/18
AOIN 59/12
C11D 3/00,

A PROCESS FOR PREPARING A SURFACE GERMICIDAL COMPOSITION.

Applicants : HINDUSTAN LEVER LIMITED OF HINDUSTAN LEVER HOUSE, 165-166 BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA.

Inventors : (1) KENNETH LESLIE RABONE
(2) ZIYA HAQ.

Application No. 231/BOM/93' filed on 22-7-93.

UK, Priority dated 22-7-92, 30-10-92 and 7-3-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Mumbai-400 013.

15. Claims

A process for preparing a surface cleaning composition, capable of photo-dynamic inactivation of surface attached micro-organisms comprising mixing a dyestuff which is capable of photo-dynamic inactivation of micro-organisms, one or more surfactants and solvents.

Comp. Specn. 36 pages; Drngs. 7 sheets.

Ind. Cl. : 28 A C [XXX(4)] 178566

Int. Cl. : F 23 D 14/02.

HYDROOEN GAS BURNER.

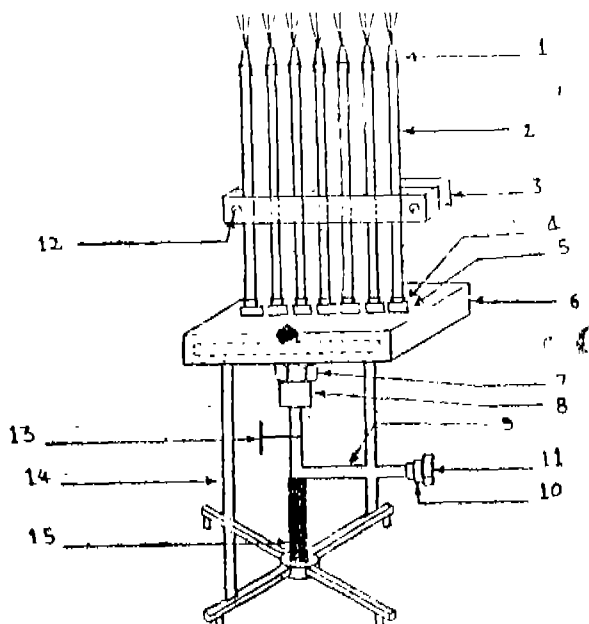
Applicant & Inventor : MR. SHIVAJI MARUTT DEGAONKAR, C-5, NAVA SAMAJ CO-OPERATIVE HOUSING SOCIETY LIMITED, GUJARATI SOCIETY ROAD, OFF NEHRU ROAD, VILE PARLE (EAST) MUMBAI-400 057, MAHARASHTRA STATE, INDIA, INDIAN.

Application No. 238/BOM/93 filed on 30-7-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Mumbai-400 013.

2 Claims

A Hydrogen Gas Burner, comprising of seven steel tube members, being fitted to the outlets at the top side of the steel Manifold; the said tube members being tilted to the steel, nozzles having fine apertures and securely fastened together with a pair of steel clamps; an Inlet at the bottom of the said Manifold fitted with 'L' Type steel pipe, with a regulator valve for controlling flow of Hydrogen Gas supplied from an external cylinder, coupled to the said pipe, through the steel coupling and the said Manifold being supported on the steel stand with two steel Pillars.



Comp. Specn. 4 pages; Drg. 1 sheet.

Ind. Cl. : 143 D 2, 4, 6 Gr. [XL (5) | 178567

Int. Cl. ; B 65 B 65/08.

A DEVICE FOR DELIVERING A PRE-DETERMINED CONTINUOUS LENGTH CHAIN OF POUCH MEANS,

Applicants : NICHROME METAL WORKS PVT. LTD., 46, DR. AMBEDKAR ROAD, NEAR SANGAM BRIDGE, PUNE-411 001, MAHARASHTRA STATE, INDIA.

Inventors : (1) DR. NITANT MATE
(2) KAINADATHPARAMBIL JACOB.

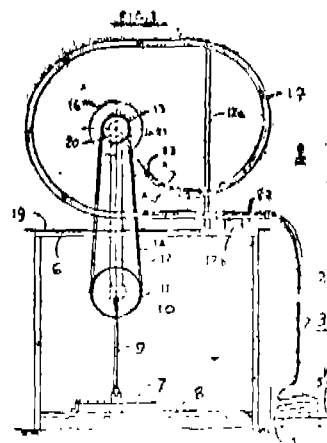
Patent Application No. 248/BOM/93 filed on 12-8-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

1 Claim

A device for delivering pre-determined number of pouches in a continuous length chain comprising a table or a like Structure having a paddle pivoted to the leg of the table and supported on a table base, a connecting rod fixed to the paddle at one end and the other end of the connecting rod being connected to an eccentric means mounted on a shaft, one larger pulley rotatably mounted on the said shaft which is supported on a vertical member which is further supported on the table top and extended upwards above the table top to support an axle on which, another smaller pulley is rotatably mounted, a channelled track being rigidly provided and supported by suitable supports on the table top, larger and the smaller pulleys being connected with the help of a belt, the said channelled track is open at one end and having a small appendage at the lower edge of the said track as a guard for the moving pouches, a pouch winding mechanism

which consists of a stationary outer drum and a rotating central hub having a radial notch, the said track has a round, oval or elliptical shape, one end of which is kept near the pouch winding mechanism facing towards notch while the other end of the track projects beyond the table top, a marker in the form of small clip provided at a marking station of the said track to determine the desired number of pouches in the continuous chain.



Comp Specn. 6 pages;

Drg. 1 sheet.

Ind. Cl. : 2 B 3

178568;

Int. Cl. : E 05 B-73/00

4 11 B-23/02.

PILFER PROOF DISPLAY DEVICE FOR COMPACT DISCS LASER VISION AUDIO AND VIDEO TAPES AND THE LIKE.

Applicants & Inventors : MRS. ASHRUFF AZIZ DHARAMSBY, SHIRAZ AZU, DHARAMSEY, KAMAL AZIZ DHARAMSEY AND SHABBIR AZIZ DHARAMSEY ALL BEING INDIAN CITIZENS AND PARTNERS OF ADVANCE VIDEO LAB, AN INDIAN REGISTERED PARTNERSHIP FIRM HAVING ITS OFFICE AT MODY BHUVAN, 19 PANDITA RAMABAI ROAD, GAMDEVIL, BOMBAY-400 007, MAHARASHTRA, INDIA.

Application No. 258/BOM/93 filed on 18-8-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

1 Claim

Pilfer proof display device for compact discs and the like comprises of a pair of cantilever brackets adapted to get fitted to a wall or fitted to a free standing frame provided with castor wheels forming bottom brackets, each having a flange carries a hole forming a seal for rotatably mounted pivot pins on a pillar of a display shutter adapted to be displayed with compact disc or the like and characterised in that each of said pillars carries plurality of vertically spaced apart fixed key operated latches projected through corresponding plurality of vertically spaced apart elongated slots on web of a 'C' or 'U' channel section of said shutter and the other side arm of said shutter having a plurality of vertically spaced apart holes on its web for fixing thereto respective cleats; each of said side arm of said sections being linked to each other by a 'C' or 'U' channel section forming topmost and bottom most transverse arms so as to form square or rectangular display pockets forming seat for respective compact disc and the like adapted to get dead locked thereto by engaging

respective key operated latches into corresponding catches in respective channels.

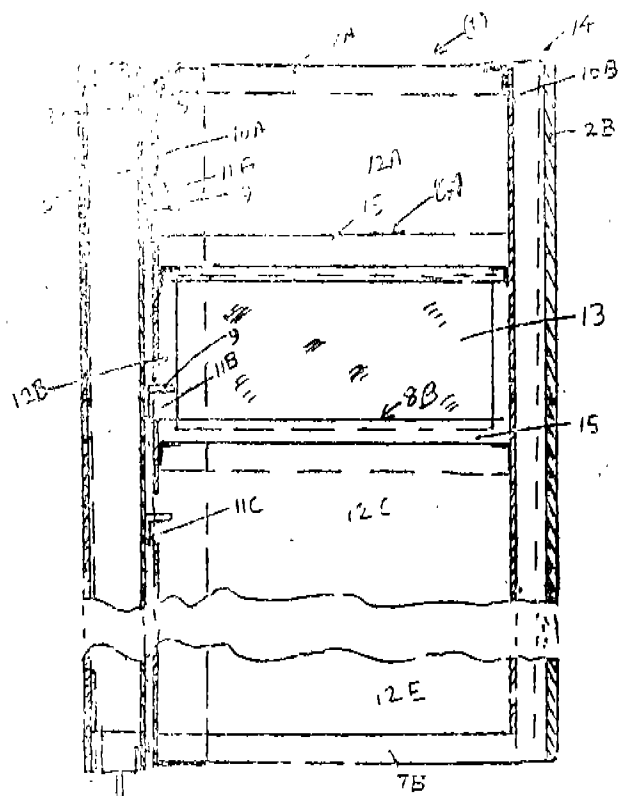


FIG-1

Comp. Specn. 15 pages;

Drgns. 4 sheets

Ind. Cl. 17E. Gr. [XIV (2)] 178569
Int. Cl. C12C-11/06

Title: A CONTINUOUS PROCESS FOR PRODUCING ETHANOL BY ETHANOL FERMENTATION USING FLOCCULATING YEAST AND YEAST RECYCLE.

Applicants : PRAJ INDUSTRIES LIMITED, 1216/6, FER-GUSSON COLLEGE ROAD, PUNE-411004, MAHARASHTRA STATE, INDIA,

Inventors: 1. SHASHANK INAMDAR, 2. NÁNDKUMAR PRADHAN.

PATENT APPLICATION NO. 259 BOM 93 FILED ON 19-8-1993.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Bombay-400 013.

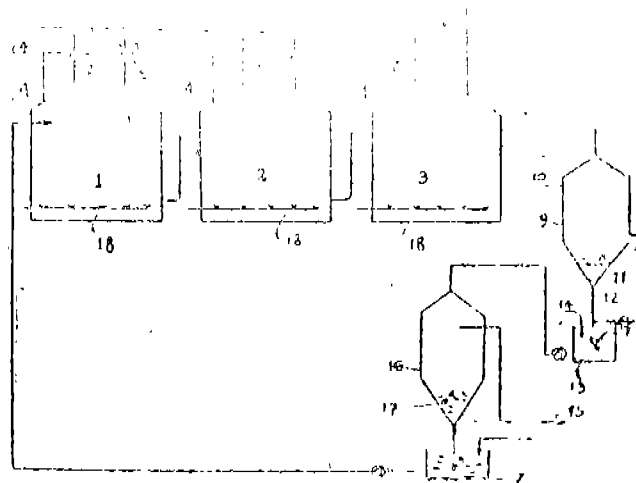
01 Claim

A continuous process for producing ethanol by ethanol fermentation using flocculating yeast and yeast recycle comprising steps as under :—

- (a) receiving molasses, process water and nutrients in predetermined quantities in plurality of fermentors;
- (b) the first fermentor receives yeast cream from yeast acidification tank to ferment sugar in the molasses to get ethanol and yeast;
- (c) the said fermentors are interconnected for flow of fermented wash to be taken out from the last fermentor outlet, the supernatant fermented wash is taken to settling tank for settling of yeast therein and for separating the supernatant from the top which is further taken to distillation plant for distilling the ethanol;

(d) the said settled yeast at step (c) is removed from the bottom of the said settling tank and received in yeast washing tank, where it is washed with processed water with the help of stirrer and thereafter it is taken to second yeast settler;

(e) the said yeast wash in the step (d) settled in the bottom is taken to acidification tank and treated with acid or acids single or in combination to maintain pH between 1.8 to 3 and acidified yeast cream it. recycled back to the fermentor and the supernatant wash is taken out from the said second yeast settler which is further taken for distillation.



Complete Specification: 09 pages

Drawing 01.

Ind. Cl. : 233 Gr. [XLL (1)] 178570
Int Cl: A47 F-5/16

TITLE—A DEVICE FOR DISPLAY OF PRODUCTS ON COUNTER.

Applicant & inventor: SUHAS MADHUKAR APTE, INDIAN NATIONAL, OF 303, SHALAKA, MAHARSHI KARVE ROAD, MUMBAI-400 020, MAHARASHTRA, INDIA,"

Patent Application No. 292/BOM/93 filed on 10-9-93.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules. 1972) Patent Office Branch, Bombay-400 013.

02 Claims

A device fur displaying of products on counters comprising in combination of

a base body of cubical shape being provided with plurality of cubical layouts for display of samples and/or prototypes of the produce and preferably developed in vacuum forming having a divider member slantingly provided towards an adjoining counter part member;

a panel carrying on advertisements in the form of photographs and/or descriptive matters;

a paper board or the like sheet material being secured, fixed to the bottom of the said body, said divider member together with the said counter part member defines a narrow longitudinal groove of the width corresponding to the thickness of the said panel, for inserting the said panel into the said groove.

and the said divider member maintaining pressure over the laid panel when inserted into the said groove.

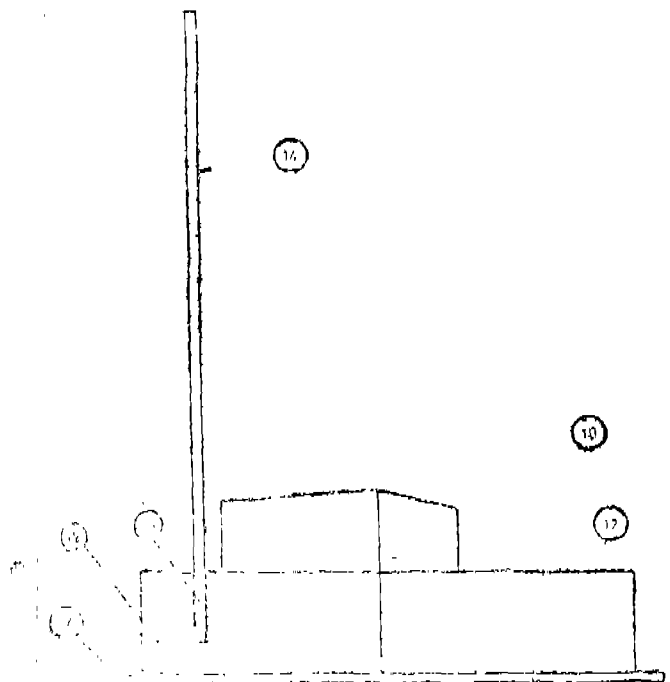


Fig-2

Complete Specification-6 Pages, Drawing -2 Sheets,

Ind. Cl. : 5 D, Gr. [I] (1) 178571
59 B Gr. [II (2)]

Int. Cl. : A 01 G—25/00; 25/06 & E 02 B—13/00; 11/00

APPARATUS FOR IRRIGATING PLANTS AT ROOT ZONE.

Applicant & Inventor : VIJAY GANESH JOGLEKAR
INDIAN NATIONAL OF P O. KHERDI. TALUKA—
CHTPLOON DIST.—RATNAGIRI 415604. MAHARASH-
TRA, INDIA.

Patent Application No. 394/BOM/93 filed on 19-11-93.

Appropriate Office for Opposition Proceedings (Rule 4,
Patents Rules, 1972.), Patent Office Branch, Bombay-400 013.

06 Claims

An apparatus for irrigating plants at the root zone, which comprises :

a plurality of hollow formed receptacles closed at one end forming the operative bases and open at other end forming the operative tops, said receptacles defining a plurality of perforations in the side wall at or near their bases and apertures in which connecting pipes can be removably fitted said apertures being located in the side wall at or near the rim of the operative tops; and

a plurality of connecting pipes which are removably fitted in the said apertures of the adjacent receptacles so as to connect one receptacle to the other the said receptacles and the pipes in an operatively fitted configuration, adopted to be partially buried in a field for providing an irrigation system for irrigating plants at the root zone in the said field.

(Complete Specification---09 Pages; Drawings—02 Sheets")

Ind. Cl. : 98 I Gr. [VII (2)],

178572

Int. Cl.: F 24 J—2/00, C 02 F—1/14.

SOLAR STILL.

Applicant. : SARDAR PATEL RENEWABLE ENERGY
RESEARCH INSTITUTE. VALLABH VIDYANAR-
388 120 GUJARAT STATE, INDIA.

Inventors : 1. CHILLAPALLI SHYAMALA RAO 2. SAJI
KURIAKOSE PHILIP.

Patent Application No. 433/BOM/93 filed on 22-12-93.

Appropriate Office for Opposition Proceedings (Rule 4,
Patents Rules. 1972), Patent Office Branch, Mumbai-400 013,

12 Claims

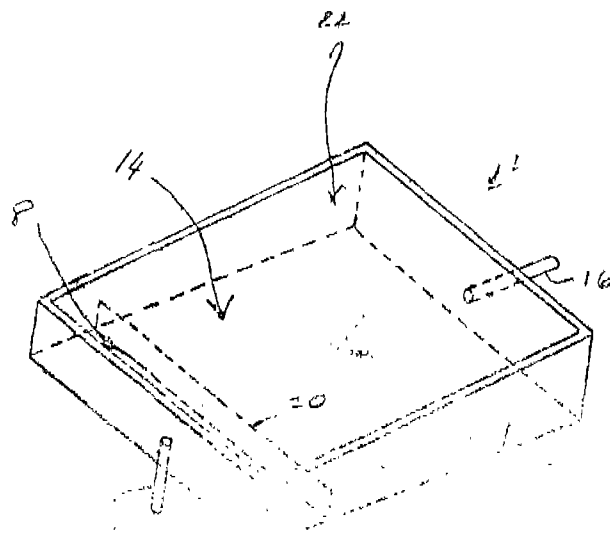
A solar still which comprises :

a rigid hollow body open at one end defining a tray for holding a liquid capable of being converted into a vapour by solar energy radiant thereupon and a channel for collecting condensed liquid;

a transparent cover for covering the open end of the hollow body and inclinedly disposed over the said open end; said cover being air tightly secured to the hollow body; inlet means for introducing liquid into the tray of the hollow body;

outlet means for delivering condensed liquid from the channel in the said body; and

level maintaining means for maintaining the level of liquid in the tray of the hollow body to prevent the liquid from spilling over into the channel,



(Complete Specification—14 Pages; Drawings—02 Sheets)

Ind. Cl. : 101 E Gr. [XXVIII (2)]

178573

Int. Cl. : G 01 P—5/08.

A FLUID VELOCITY MEASURING DEVICE.

Applicants & Inventors : AVINASH SHRIKRISHNA
VAIDYA 122/3 ERANDAVANA, ANURAG APART-
MENTS, PUNE-411004. MAHARASHTRA, INDIA.

Patent Application No. 43/BOM/94 filed on 07-02-94.

Appropriate Office for Opposition Proceedings (Rule 4,
Patents Rules. 1972), Patent Office Branch, Mumbai-400 013.

08 Claims

A fluid velocity measuring device positionable in a free-stream of fluid flow to cause vortices to be shed therefrom at a frequency proportional to fluid flow speed, said device comprising ;

a housing mounted on a spindle;

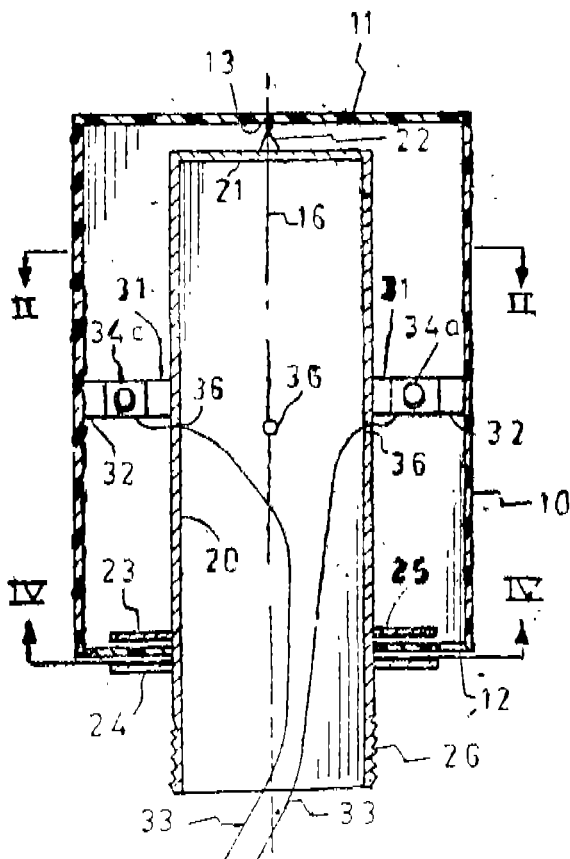
said housing being capable of oscillatory rotary motion, about said spindle induced by, and at a frequency indicative of, the periodic shedding of vortices therefrom; said housing being further capable of translational motion relative to said spindle induced by, and indicative of the direction of, said freestream fluid flow;

said spindle fixable at one end to a reference structure and extending into said housing;

bearing means providing low friction contact and alignment of said housing with said spindle;

force sensing means attached between said housing and said spindle capable of generating an electric signal indicative of said vortex creation frequency and indicative of the direction of translational drag force on said housing by said fluid flow; and

electric circuitry for translating said electric signal into a readout of fluid speed and direction.



(Complete Specification—14 Pages; Drawings—04 Sheets)

Ind. Q. : 99D+F
+E GR [XL

(4)]

178574

Int.Cl.: A47J—47/02.,
B65D—45/16, 43/00

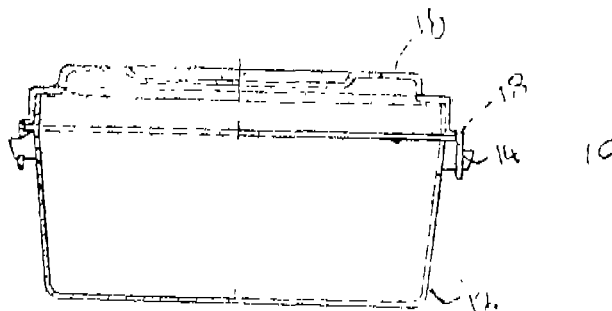
CONTAINER.

Applicant and Inventor : ASHOK RATANSHI SHAH, OF A/115, GHATKOPAR INDUSTRIAL ESTATE, L.B.S. MARG, GHATKOPAR (WEST), BOMBAY-400 086, MAHARASHTRA, INDIA.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office, Bombay Branch.

1 Claim

1. A container (10) having integrally moulded clips comprising : a hollow body (12) of synthetic polymeric material having the male portions (14) of two clips integrally moulded with the body (12); and a lid (16) of synthetic polymeric material having integrally moulded therewith the female portions (18) of at least two clips on the outer periphery of the lid, the said female portions being hingeably flexible and adapted to engage and latch on to the said male portions to secure the lid to the body.



(Complete Specification—9 pages; " Drawings—3 Sheets)

Ind. Cl. : 107 C+I, Gr. [XLVII]

178575

Int. Cl. : F 02 M—1/16

IMPROVED 2-STROKE PETROL ENGINE FOR BACK PACK SPRAYERS AND THE LIKE.

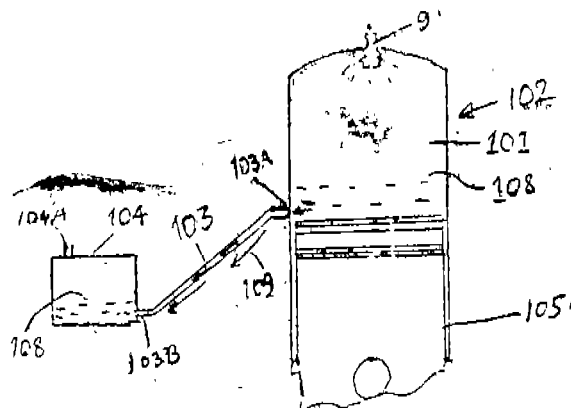
Applicant & Inventor : DILIP SHANTARAM DAHANUKAR, INDUSTRIAL ASSURANCE BUILDING, CHURCH GATE, MUMBAI-400 020, MAHARASHTRA, INDIA.

Patent Application No. 50/BOM/94 filed on 15-02-94,

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Mumbai-400013.

3 Claims

Improved 2-stroke petrol engine for Back pack sprayers and the like comprising a carburetor mounted below the level of downtake nozzle of a combustion chamber and a double angle bent tube, one end thereof being coupled to said downtake nozzle and the other end thereof is coupled to outlet of said carburetor substantially as shown in Fig. 2 of the accompanying drawings.



(Complete Specification—07 Pages; Drawings—01 Sheet)

Ind. Cl. : 159 N & F Gr. [LI (3)]

178576

Int Cl : B 61 L.—29/28, 29/32

ALARM SYSTEM FOR UNMANNED RAILWAY CROSSINGS,

Applicants : APPLIED ELECTRONICS LIMITED, OF APLAB HOUSE, A/5, WAGLE INDUSTRIAL ESTATE, THANE-400 604, MAHARASHTRA STATE, INDIA; AND DIRECTOR INDUSTRIAL SAFETY AND HEALTH, A DEPARTMENT OF THE GOVT. OF MAHARASHTRA STATE, OF COMMERCE CENTRE, TARDEO, BOMBAY-400 034, MAHARASHTRA STATE, INDIA,

Inventor : SUBHASH VISHNU JOSHI.

Application No. 76/BOM/94 filed on 02-03-1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

13 Claims

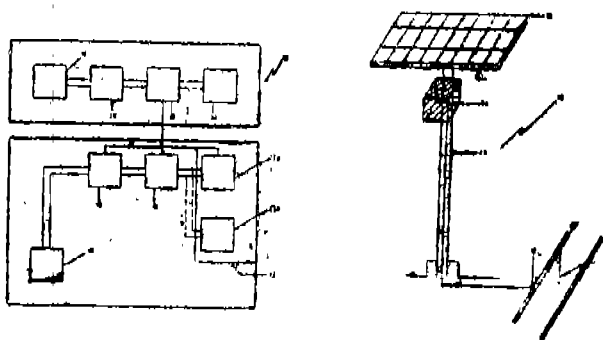
A alarm system, particularly for unmanned railway crossings comprising :

a vibration sensor which is fitted on at least one of a pair of rails passing through a railway crossing;

an electrical source for energising the vibration sensor;

a signal processing circuit to which signals received from the vibration sensor can be fed and which includes a filter circuit for suppressing unwanted vibration signals;

a detector circuit to which a signal detected from the signal processing circuit can be fed for actuating an alarm.



(Comp. Specn. 11 Pages;

Drgs,

2 Sheets)

Ind. Cl. : 116 E

[XLIX]

178577

Int. Cl. : B 66 F—3/16, 3/18

A MECHANICAL JACK.

Applicant & Inventor : SHASHIKANT JETHALAL SIDHPURA, OF S. K. INDUSTRIES AT NATIONAL HIGHWAYS DHORAJI ROAD UPLFTA-360 490 GUJARAT, INDIA.

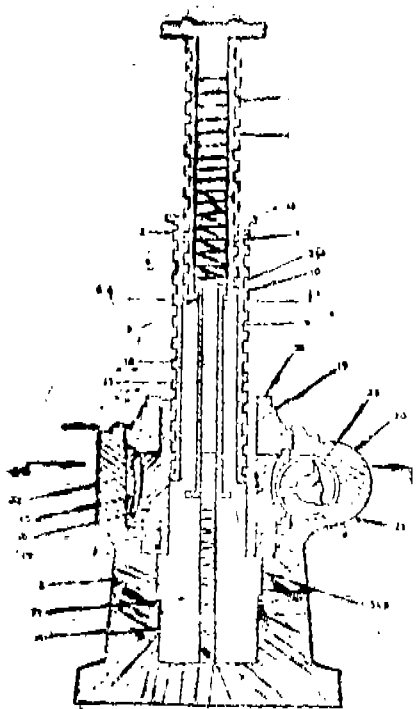
Application No. 138/BOM/1994 filed April 6, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Bombay Branch.

8 Claims

A mechanical jack consisting of a telescopic ram vertically disposed in a housing and comprising an inner ram and an outer ram in thread engagement with each other and adapted

to move up and down, said inner ram having a base plate fixed at the upper and thereof, a drive arrangement located in said housing and connected to said outer ram and a rotation arrester cum guide means located in said housing and coupled to said inner ram to arrest rotational movement of said inner ram and facilitate guide up and down movement of said outer ram.



(Compl Specn. 13 Pages;

Drawings 4 Sheets.)

Ind. Cl. : 97 F, Gr [LIX (2)].

178578

98 E. F. Gr [VII (2)]

Int. Cl. : A 47 J-41/00, B/65 D-30/08.

HEATING POUCH.

Applicants : EAGLE FLASK INDUSTRIES LTD., OF TALEGAON-410 507, DIST-PUNE, MAHARASHTRA STATE, INDIA.

Inventor : ALIMOHAMED CHHAGANBHAI PADAMSEE.

Patent Application No. 181/BOM/94 filed on 26-04-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-4000-13.

10 Claims

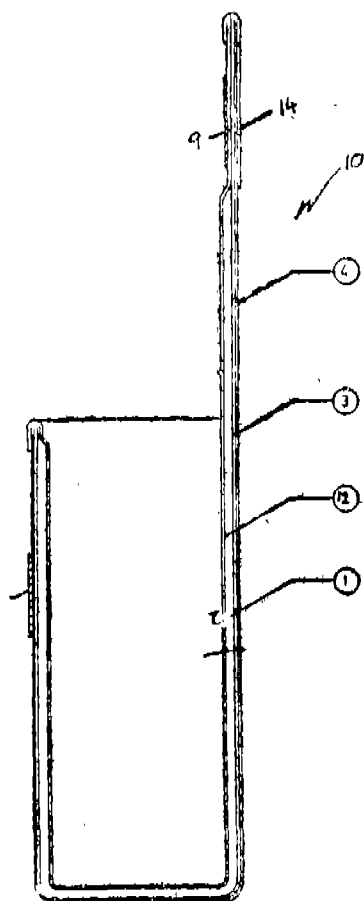
A heating pouch comprising

a flexible double-walled jacket of textile material;

a low wattage pad heater securely fitted between the double wall of the Jacket, having means to be electrically energised; and

an integral flap that can be removably secured to enclose a container within the pouch for heating the container.

"a third zone, in which, information, such as, a personalised code may be stored by the user himself"



FK = 1

(Complete Specification : 08 Pages; Drawings : 04 Sheets)

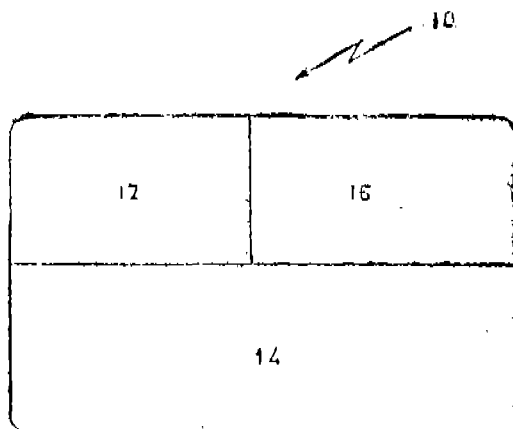


Fig 1

(Complete Specification—10 Pages; Drawings—1 Sheet)

Ind. Cl. : 80 K (VI)

178580

Int. Cl. : B 01 D—43/00

AN APPARATUS FOR SEPARATING A FLUID MIXTURE OF GRANULATED PARTICULATE MATTER HAVING VARIED DIMENSIONS AND SPECIFIC GRAVITY.

Inventors : (1) RASESH SHAN (2) GONTLA RANGA-NAYAKALU .KRISHNA MOHAN.

Application No. 206/BOM/1994 filed May 12 1994.

Complete after Provisional left Jul 12, 1995,

Appropriate Office for Opposition Proceedings. (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013

Ind. Cl. : 29 D GR [XLI (2)]

178579

Int. Cl. .- G 07 F--7/10, 7/08.

AN ELECTRONICALLY OPERABLE DEVICE FOR
STORING INFORMATION, TYPICALLY, FOR CASH
DISBURSEMENT SYSTEM.

Applicant & Inventor : PRABHAKAR DEODHAR.
INDIAN NATIONAL OF LANDS MARK, CARTER
ROAD, BOMBAY-400 050, MAHARASHTRA, INDIA.

Application No. : 199/BOM/94 filed on 05-05-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-13.

2 Claims

An electronically operable device for storing information, for cash disbursement system, comprises—

an electronic chip divided into a first zone in which unalterable information relating to the code of the finance disbursing institution is stored in such a manner that the information is only readable;

a second zone in which information such as a monetary value is stored and is laterable in only one direction, i.e.; 1 to 0 and readable for debiting the said alterable information', unit by unit; and

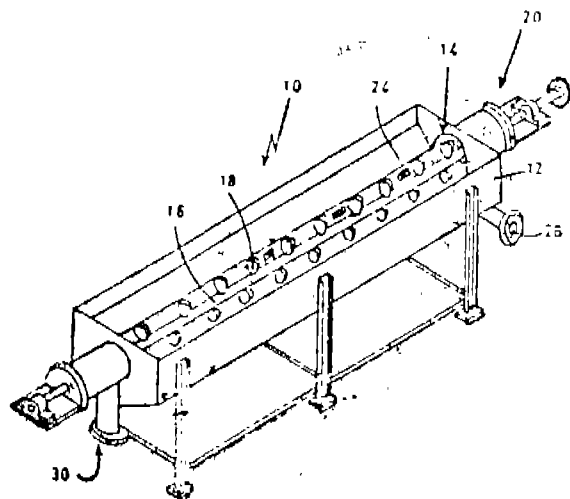
12 Claims

An apparatus 10 for separating a fluid mixture of granulated particulate matter having varied dimensions and specific gravity comprising ;

an elongate hollow chamber 12 having at one end an inlet 14 for receiving a fluid mixture containing granulated particles having varied dimensions and specific gravity; an elongate screw element 16 rotatably fitted in the chamber having a plurality of paddle elements 18 attached thereto in a staggered configuration along its length; driving means for rotating the screw element in the chamber to keep fluid mixture introduced into" the chamber in an agitated state;

a perforated removable arcuate sieve 24 retained operatively below the screw element such that the paddle elements attached to the screw element just clear the sieve in the operative configuration of the apparatus when the screw element is driven by driving means; collection means 32 located below the perforated sieve to collect fines and sludge passing through the sieve; an outlet means 30 located at one end of the chamber remote from the end provided with the inlet, for collecting granulated matter free of fines and sludge; and mechanical means for periodically removing the perforated sieve to collect heavy particles having a dimension greater than the mesh size of the perforated sieve and

which could not be pushed out by the paddles and remains above the sieve.



(Complete Specifications—11 Pages; Drawings 3 Sheets)

Int. Cl. : 63 E

178581

Int. Cl.⁴ : H 02 K 9/00.

"INDUCTION ROTARY ELECTRIC MACHINE."

Applicant : MITSUBISHI DENKI KADUSHKI KAISHA OF 2-3 MARUNOUCHI 2-CHOME, CHIYODA-KU TOKYO, JAPAN.

Inventors : (1) YASUHIRO SEKINE,
(2) KENJI SONOYAMA,
(3) KIYOSHI HORIUCHI.

Application No. 862/Mas, 90, filed on 29th October, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

9 Claims

An induction rotary electric machine comprising :

a stator having a stator core and a plurality of stator coil conductors disposed in said stator core, said stator coil conductors having a plurality of stator coil ends substantially axially extending from said stator core and defining there between substantially radially extending stator gaps;

a rotor having a rotor core rotatably supported within said stator and a plurality of rotor coil conductors disposed in said rotor core, said rotor coil conductors having a plurality of rotor coil ends substantially axially extending from said rotor core and defining therebetween substantially radially extending rotor gaps; and

closure means, disposed between said stator coil ends and said rotor coil ends for substantially blocking direct fluid communication between said stator and said rotor gaps.

(Com. 18 pages; Drwgs. : 7 Sheets).

Ind. Cl. : 206 E

178382

Int. Cl.⁴ : G 06 F 3/06.

"PERSONAL COMPUTER WITH - DRIVE IDENTIFICATION."

Applicant : INTERNATIONAL BUSINESS MACHINES CORPORATION, OF ARMONK, NEW YORK 10504, U.S.A.

Inventors : (1) ALAN FREDERICK ARNOLD,
(2) ARTHUR RAYMOND WHELLER,
(3) JAMES TAL.

Application No 896/Mas/90 filed on 8th November, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch,

5 Claims

A personal computer with drive identification comprising a central processor unit for performing instructions, a removable media direct access storage device for receiving, storing and delivering data for manipulation by said central processor unit, and for originating signal indicative of the storage capabilities of said storage device; a direct access storage device controller operatively interposed between said processor unit and said storage device for directing operation of said storage device in receiving, storing, and delivering data; a plurality of signal conducting pathways operatively connecting said storage device and said controller; said storage device and said controller being operatively connected by a plurality of signal conducting pathways, a selected plurality of said pathways conducting signals which identify to said controller the characteristics of said storage device; said controller having distinguishing means connected to said pathways for distinguishing among the absence of signals, conducted by said selected pathway as indicating the presence of a first type of storage device and the presence of and a plurality of differing combinations of signals conducted by said selected pathways as indicating the presence of a particular one of a group of second types of storage devices.

(Com. 19 pages;

Drawgs. : 4 Sheets).

Ind. Cl. : 113

B

178581

Int. Cl.⁴ : F 23 0 2/16.

A FLAME PRODUCING LIGHTER",

Applicant : BIC CORPORATION OF 500 BTC DRIVE MILFORD, CONNECTICUT 06160 U.S.A. A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF NEW YORK, U.S.A.

Inventors : (1) JAMES M MCDONOUGH,
(2) THOMAS G SNELL,
(3) FLOYD B FAIRBANKS.

Application No. : 1033/Mas/90 filed on 20th December, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

9 Claims

A flame producing lighter which comprises a housing (12) defining a reservoir (15) for containing a combustible gaseous medium (9) under pressure; valve means coupled to said reservoir and arranged for selective actuation between a normally closed position which prevents exit of said gaseous medium from said reservoir, and an open position which permits exit of said gaseous medium from said reservoir; spark producing means (18, 22) for selectively producing sparks at a location proximate the gaseous medium exit opening of said valve means, thereby selectively causing ignition of said gaseous medium; a depressible valve; actuator (44) which upon depression of a portion thereof, actuates said valve means thereby permitting gaseous medium to flow out from said reservoir; a safety latch (16) having at least a portion which is positioned beneath at least a portion of said depressible valve actuator so as to normally prevent movement thereof; and receiving means (25, 40, 45) for receiving said safety latch to facilitate actuation of said valve means and ignition of said gaseous medium, said receiving means having a plurality of non-interfering positions whereby actuation of said valve means to the open position is permitted, thereby selectively permitting exit of

paid combustible gaseous medium from said valve means and ignition of said gaseous medium by sparks by said spark-producing means.

(Com. 38 pages; Drwgs. ; 6 Sheets).

Ind. Cl. : 172 E 178584
Int. Cl.⁴ : H 02 G 1/18.

"A GUIDING DEVICE FOR A MACHINE FOR WINDING WIRE-LIKE GOODS",

Applicant : NOKIA-MAILLEFER HOLDING S. A.,
ROUTE DU BOIS, CH-1024 ECUBLENS, SWITZERLAND.

Inventors : GUSTAF UNDEROTH.

Application No. 53/Mas/91 filed on 25th January 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

8 Claims

A guiding device in a winding machine for winding wire-like goods, such as a cable, on a flanged reel, comprising:

— a support frame (1) for supporting a reel (2) rotatably around its axis; and

— a distributor (3) for passing the cable (4) on the reel to form superimposed layers of cable turns (10) wound adjacent to each other between the flanges of the reel

— the support frame and the distributor being displaceable with respect to each other so that the cable is wound on the reel at a backward deviation angle (A) with respect to adjacent cable turns (10) and with S-shaped transitions (11) between the cable turns, Characterised in

— that the winding machine comprises a hold-down means (5, 6) positioned upon the cable (4) at its end contacting point (13), said hold-down means exerting on the cable a force such that the cable itself lifts up the hold-down means in the vicinity of the reel flanges (12) to being a new cable layer;

— the distributor (3) and the support frame (1) are displaced at constant speed with respect to each other, so that said backward deviation angle (A) is allowed to vary at the S-shaped transitions (11) between adjacent cable turns (10) but it kept constantly backwardly directed when the cable is displaced towards a reel flange (12) and

— the distributor (3) is positioned to displace the cable, a distance equal to one cable thickness in either direction, away from the axis of the cable in the vicinity of the reel flanges.

(Comp. 18 pages; Drwgs. 2 sheets)

Ind. Cl. : 147 L & 63 B 178585
Int. Cl.⁴ : H 04 N 5/782
H 01 F 3/00

A YOKE FOR SUPPORTING AT LEAST ONE MAGNETIC CORE.

Applicant : MINNESOTA MINING AND MANUFACTURING COMPANY 3M CENTER, SAINT PAUL, MINNESOTA, 55144-1000 A CORPORATION OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA.

Inventor : STEPHEN JAMES ROTHERMEL.

Application No. 58/Mas/91 filed on 29th Jan 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

10 Claims

A. yoke (10, 10, 10") for supporting at least one magnetic core (12) in proximity to a moving tape, the core having two opposed side edges (20, 22) and an upper edge (24) connecting the side edges (20, 22), the yoke (10, 10, 10") comprising:

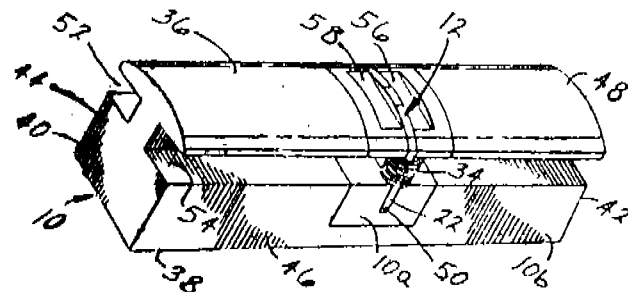
two opposed major surfaces (44, 46);

a front surface (36) connecting the two opposed major surfaces (44, 46) and defining a bearing surface (48) for supporting the tape transversely to the direction of tape movement;

a pair of opposed walls forming a narrow slot (50) in the front surface (36) for receiving and stabilizing the core (12); and

at least one relief pocket (52) formed in at least one of the major surfaces (44, 46) and extending at least part of the distance between the two major surfaces, wherein the relief pocket (52) is sufficiently wide transverse to the direction of tape movement to receive at least one wound wire coil (32) which is associated with the core (12) and wherein the relief pocket (52) encompasses a portion of the narrow slot (50);

characterized in that the opposed walls contact the core (12) adjacent the upper edge (24) of the core (12) along substantially the entire length of the core (12) between side edges (20, 22) of the core (12) in a direction parallel to the direction of tape movement.



(Com. 15 pages Drwgs. 2 sheets)

Ind. Cl. : 8 & 81 178586
Int. Cl.⁴ : G 08 B 17/10

A FIRE DETECTOR THAT SENSES THE BUILD-UP IN THE AMBIENT AIR OF THE CARBON DIOXIDE.

Applicant : GAZTECH CORPORATION, U.S.A., A DELAWARE CORPORATION OF 6489-A CALLE REAL, GOLETO, CALIFORNIA 93117, U.S.A.

Inventor: JACOB YAUMAN WONG.

Application No. 225/Mas/91 filed on 19th March 1991.

Appropriate Office for "Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Madras Branch.

2 Claims

A fire detector that senses the build-up in the ambient air of the carbon dioxide that is produced by the fire, said fire detector having no moving parts and comprising in combination:

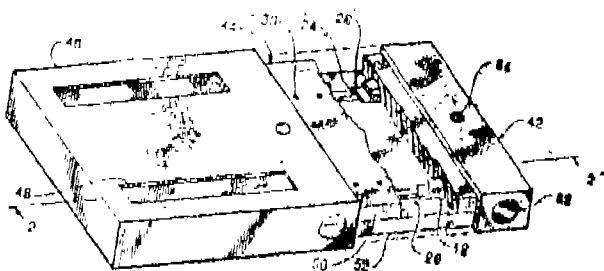
a source capable of emitting radiation having a wavelength coinciding with an absorption band of carbon dioxide;

a detector generating an electrical signal in response to the radiation falling on it;

a sample chamber containing air and including a passage communicating with the ambient air, said sample chamber including means defining an indirect path for the emitted radiation through said sample chamber, said source located at one end of the indirect path and said detector located at the other end of the indirect path;

said sample chamber further including membrane means permeable to carbon dioxide gas, spanning the passage of said sample chamber and keeping smoke, dust, oil and water out of said sample chamber while permitting carbon dioxide in the ambient air to pass into said sample chamber;

electronic means electrically connected to said detector and responsive to the electrical signal generated by it to produce an alarm signal.



(Com. 24 pages

Drawgs.

3 sheets)

Ind. Cl.: 55 E4 & 32 F2b

178587

Int. Cl⁴: A 61 K 31/00 & C 07 D 200/00.

A PROCESS FOR PREPARING NEW INDOLONE AND INDOLDIONE COMPOUNDS HAVING THERAPEUTIC

Applicant: AKTIEBOLAGET ASTRA, A SWEDISH COMPANY, OF S-151 85, SÖDERTALJE, SWEDEN.

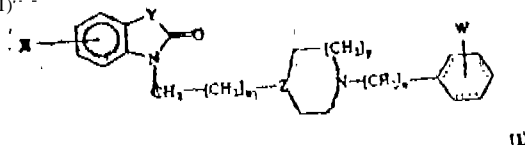
Inventors; BERNARD ROBIN BOAR, BRITISH, ALAN JOHN CROSS, BRITISH.

Application for Patent No. 1184/Del/92 filed on 10-12-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(CLAIMS 5)

A process for preparing new indolone and indoldione compound having the general formula (I):



wherein:

n is 1, 2 or 3;

p is 1 or 2;



q is 1 or 2;

X represents one or more substituents independently selected from hydrogen, lower alkyl, aryl, aryloxy, CN, lower alkoxy, halogen, hydroxy, nitro, trifluoromethyl, alkylsulphonamido, NHCOR where R is lower alkyl or aryl, NR₁R₂ where R₁ and R₂ are independently hydrogen

or lower alkyl of together form a ring, CO₂R where R is lower alkyl,

or cycloalkyl, cycloalkenyl or bicycloalkyl either optionally further substituted by lower alkyl,


Y is CO or CR₃R₄ where R₃ and R₄ are independently hydrogen lower alkyl, lower alkoxy or together form a cyclic acetal,

Z is N or  and  represents an optionally substituted phenyl or cyclohexyl group; wherein

w represents one or more substituents independently selected from hydrogen, lower alkyl, lower alkoxy or halogen;

stereo and optical isomers and racemates thereof where such isomers exist, as well as pharmaceutically acceptable acid addition salts thereof and solvates thereof;

with the proviso that the compound wherein n=1, p=1

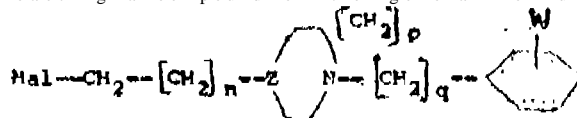
q=1, X=H, Y=CO, Z=N and  = Unsubstituted

phenyl and the compound wherein n=2, p=1, q=1, X=H,

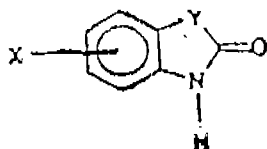
y-CO, Z=N and  = 4-chlorophenyl are excluded,

by

(a) reacting a compound of the general formula (4)



Wherein Z, W, n, p and q are as defined above and Hal is halogen, with a compound of the general formula (5)



wherein X and Y are as defined above to produce said compound of formula 1.

(Compl. Spech, 58,

pages;

Drawing

(Nil)

Ind. Cl. 97 E
Int. Cl.: F 27 B—13/02

[XXIV]

178588

2 Claims

A MULTIPURPOSE OVEN

Applicant & Inventor: YASWANT GOPAL GHASIAS
INDIAN NATIONAL AT ANAND TARANG, 17 SHIV
PARVATHI HOUSING SOCIETY, PUNE-411 038 STATE
OF MAHARASHTRA, INDIA.

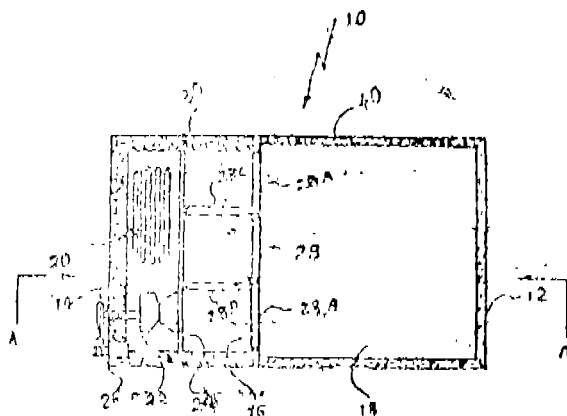
Application No. 326/Bom/94 filed on 14-7-94.

Complete after provision left on 11-09-95.

Appropriate: Office for Opposition Proceedings (Rule 4,
Patents Rules, 1972) Patent Office Branch, Bombay-13.

6 Claims

A multi-purpose oven comprises an enclosed housing defining a first chamber, a second chamber, and a third chamber with the help of dividing walls; the said dividing wall between the said second chamber and third chamber consisting of a rigid middle member and two side members hinged to the said rigid middle member; the said hinged side members of dividing wall between the second chamber and the third chamber are rotatable to connect the said third chamber to the first chamber isolating the middle portion of the second chamber from hot gases; and the said first chamber consisting of heater elements for heating gases/air, and a blower for circulating of hot gases/air, and a blower for circulating of hot gases/air in the first chamber into the second or third chamber as may be required.



Provisional specification 9 Pages : Drawings one sheet
Complete specification 12 Pages Drawing one sheet

Ind. Cl. : 55 E4 [XIX (1)] 178589
Int. Cl. : C 07 C—49/84

A NOVEL PROCESS FOR THE MANUFACTURE OF 4-(6-METHOXY-2-NAPHTHYL) BUTEN-2-ONE AND ITS PHARMACEUTICAL COMPOSITIONS, FROM A NOVEL SOURCE.

Applicants : UNICHEM LABORATORIES LTD., UNICHEM BHAVAN, SWAMI VIVEKANAND ROAD, JOGESHWARI (WEST), BOMBAY-400 102, MAHARASHTRA, INDIA AN INDIAN COMPANY "REGISTERED" UNDER INDIAN COMPANIES ACT, 1956.

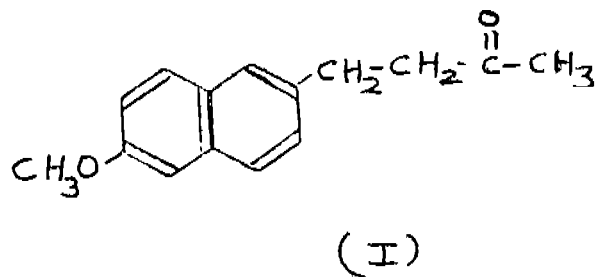
Inventors: (1) DR. PRAKASH AMRUT MODY (2) DR. JAYANT KANAIYALAL MOTIWALA (3) SHRI CHANDRAKANT DURLABHAJI MEHTA.

Application No. 597/Bom/94 filed on 12-12-94.

Appropriate Office for Opposition Proceedings, (Rule 4,
Patents Rules, 1972) Patent-Office Branch, Bombay-13

A novel process for the manufacture of 4-(6-Methoxy-2-naphthyl) buten-2- one of formula I

comprising the steps of 6-methoxynaphthalene-2-aldehyde of formula II is condensed with acetone in alkaline medium from 1-4 hours and neutralised, the residue is extracted with ethylene dichloride, the extract dried over $MgSO_4$ and the residue is crystallised, which is reduced at room temperature in presence of palladium over carbon, to obtain the title compound



Complete specification 6 Pages ;

Drawings—Nil

Ind. Cl. : 55 E 4 [XIX (1)] 178590
Int. Cl. : A 61 K—31/44

A NOVEL PROCESS FOR THE MANUFACTURE OF VITAMIN B12 COMPOSITIONS FOR NASAL ADMINISTRATION, FROM A NOVEL SOURCE.

Applicants : UNICHEM LABORATORIES LTD. UNICHEM BHAVAN, SWAMI VIVEKANAND ROAD JOGESHWARI (WEST), BOMBAY-400 102, MAHARASHTRA, INDIA. AN INDIAN COMPANY REGISTERED UNDER INDIAN COMPANIES ACT, 1956.

Inventors: (1) DR. PRAKASH AMRUT MODY (2) DR. DEVARAYA NARAYAN NAIK

Application No. 598/Bom/94 filed on 13-12-94.

Appropriate Office for Opposition Proceedings (Rule 4,
Patents Rules. 1972) Patent Office Branch, Bombay-13.

2 Claims

A novel process for preparing pharmaceutical composition of Vitamin B12 for nasal administration consisting, essentially of a stable aqueous suspension of cyanocobalamin which process consisting essentially a mixture of (i) atleast 0.01—1% by weight of cyanocobalamin, (ii) atleast 0.1 — 3% by weight of pharmaceutically acceptable aqueous buffer, to maintain the pH from 4-6, characterise in that the composition further consist of (iii) atleast 5-10% by weight thickening agent to maintain the viscosity between 2500—10000 cps., admixed with physiologically acceptable excipients as herein described in the examples which is stable at ambient temperature with higher shelf life.

Compl. Specn. 9 pages;

Drwings

Nil-

Notice is hereby given that THE PARKER GROUP INC., formerly known as PARKER MANUFACTURING COMPANY, U.S.A. has made an application on Form-29 under Section 57 of The Patents Act, 1970 for amendment of specification of their application for Patent No. 302/Del/88 (175119) for "Tool incorporating an anchoring device for bonding said anchoring device to a support surface". The amendments are by way of change of name from PARKER MANUFACTURING COMPANY TO THE PARKER GROUP, INC. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Off:- Branch, Unit-No. 401 to 405, 3rd Floor, Municipal Market. Building. Saraswati Marg, Karol Bagh, New

Delhi-110005 or copies of the same can be had on payment of usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition in Form-30 within three months from the date of this notification at Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110005. If the Written Statement of Opposition is not filed with the notice of opposition it shall be left, within one month from the date of filing the said notice.

OPPOSITION PROCEEDINGS

An Opposition entered by Indian Nippon Electricals Limited to grant of a Patent on application No. (168705) 0007/DEL/87 made by M/s. Piaggio Veicol Europe S.P.A. (M/s. Piaggio & C.S.P.A.) succeeded.

RENEWAL FEES PAID

168809 165454 169806 165745 170882 163048 173041
171490 171707 169736 168918 168961 169034 169616 169597
169613 169983 171943 174839 175041 175981 176339 174544
174592 162004 169512 165735 165747 166628 173042 162705
164831 171659 171864.

PATENT SEALED ON 17-04-97

176890 176942 176943 176944" 176948 176954 176960
176962 1769*3 176964* 176967 176971 176972*D 176973*D
176?74*D 176975*D 176976*D 176977*D 176978*D 176981
176985 176986 176987 176992 176993 176994 176996*
176997 176998 176999" 177002.

CAL-12. Del-01, Mum-10, CHEN-08.

*Patent shall be deemed to be endorsed with the words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date Of sealing.

D--Drug Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They we not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act. 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. No. 171693. Ligy Pankcth. Joseph. Indian Proprietary iirm an Alpha Klelectronics & Controls of 42/987, Tulta Pipe Line Road, Codiin-18, Kerala, India. "Emergency Light". July 3. 1996.

Class 1. No. 171759. Reliable Rotomoulders Private Ltd., 18A Braboune Road, 2nd floor, Calcutta-700 001, West Bengal, India, Indian Co. "Ice Box". July 11, 1996.

Class 1. No. 171877. Gerard Industries Pvt, Ltd., Australian Co, of 12, Park Terrace, Bowden, South Australia, Australia. "Electrical Switch and Socket Plate". July 25, 1996.

Class 1. No. 171878. Gerard Industries Pvt. Ltd., Australian Co. of 12, Park Terrace, Bowden, South Australia, Australia. "Cover plates for electrical accessory". July 25, 1996.

Class 1. No. 171906. Hunter Fan Company American Co. of 2500 Frisco Avenue, Memphis, Tennessee 38114, USA. "Light fixture for a celing fan". July 31, 1996.

Class 1. No. 171999. Compagnie Gervais Danone (Societe Anonyme), Jt. Stock Company of France of 126-130, Rue Julea Guesde, 92300 Levalois -Perret, Franco. "Pot". August. 16, 1996.

Class 1. No. 172572. Luxor Exports, 17 Okhla Industrial Estate, in, New Delhi 110020, India. "Ball Pen (Marvel)". November 11, 1996.

Class 1. No. 172573. Luxor Exports, 17, Okhla Industrial Estate III, New Delhi-110020, India. "Marvel Fountain Pen". November 11. 1996..

T. R. SUBRAMANIAN
Controller General of Patents, Designs
and Trade Marks,

प्रबन्धक, भारत सरकार मन्त्रालय, फरीदाबाद द्वारा मुद्रित

एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1997

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